ISSN 0149-9971

REVIEW OF INTERNATIONAL BROADCASTING

(Israel Radio)

Edited and published by Glenn Hauser

Issue 71 $1¼ Dec '82

LISTENER INSIGHTS ON PROGRAMMING

CANADA (gh) You're invited to catch another installment in "The Shortwave Year in Review" from me on RCI SWL Digest January 1-2. We expect to have a DX report as usual on the December 25-26 show.

(CBC Radio Guide for "Radio" (AM) Network; some of this also affects CBCNQSWS & RCI)

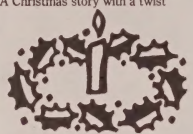
SATURDAY DECEMBER 25 CHRISTMAS DAY

RADIO

6.07 a.m.
MAX FERGUSON'S CHRISTMAS
Max presents a warm and happy blend of his own and traditional stories and anecdotes about Christmas, with music to make the day a merry one.
See PREVIEW.

9.07
QUEEN ELIZABETH'S CHRISTMAS MESSAGE

9.20
ANYBODY HOME?
Host: ROBERT HAWKINS
Co-hosts: PAUL TOUGH and JESSICA PORTER
A Christmas story with a twist



It is not St. Nick coming down the chimney on Christmas Eve, our heroine discovers to her surprise. He has a sack over his shoulder all right, but it's not full of presents for the children of the world — it contains family treasures like silverware and jewellery.
Also this morning, a recreation of a French Canadian Reveillon. In this Christmas tradition, children are awakened late Christmas Eve to attend midnight mass, followed by a sleigh ride. They then stay up the rest of the night, and after a big Christmas breakfast, they open their presents. See PREVIEW.

11.07 a.m.
MESSIAH
Host: LEONARD ISAACS
Handel: *Messiah.*
A performance of the great oratorio by the Choir of Christ Church Cathedral, Oxford, the Academy of Ancient Music, sopranos Judith Nelson and Emma Kirkby, contralto Carolyn Watkinson, tenor Paul Elliott, and bass David Thomas. The Foundling Hospital of 1754 version, recorded on authentic instruments.
Also, **Handel:** *Water Music Suite,* performed by the same ensemble.

2.00 p.m.
3.00 AT, 3.30 NT
THE METROPOLITAN OPERA
Host: PETER ALLEN
Humperdinck: *Hansel and Gretel.*
For further details, see today's *Stereo* listing at 2 p.m.

4.20 A prox.
5.20 AT, 5 50 NT
OPERA ENCORES

5.07
6.07 AT, 6.37 NT
MUSIC OF CHRISTMAS
A new album of Christmas carols and lullabies, with mezzo-soprano Lois Marshall and the Vancouver Chamber Choir conducted by Jon Washburn.

6.07
7.07 AT, 7.37 NT
THE TRANSCONTINENTAL
Host: OTTO LOWY
From Vancouver, Christmas music by the Robert Stolz Choir, Renata Tebaldi, the Slovak Chamber Orchestra, and Vienna Choir Boys, with host Otto Lowy's memories of European Christmases.

7.07
8.07 NT, 8.37 AT
THE GLAD SOUND OF CHRISTMAS
The Salvation Army celebrates its centennial in Canada.

Featuring a Massey Hall performance several years ago by the Festival Choir of 500 voices, Canadian Staff Band, and other bands and instrumental and vocal soloists, conducted by Norman Bearcroft; excerpts from the recent Festival of Thanksgiving at Toronto's new Roy Thomson Hall, presided over by Newfoundland -born Commissioner and Mrs. Arthur R. Pitcher, and featuring the Canadian Staff Band conducted by Bearcroft, and soloists; and music from other Salvation Army locations, including the traditional street carols.
Producer: DOUG MACDONALD

9.07
10.07 AT, 10.37 NT
SIMPLY FOLK
Host: BOB CHELMICK
Christmas and holiday songs by top folk artists.

10.07
11.07 AT, 11.37 NT
A FAR PARISH — A CHRISTMAS CELEBRATION
Part One. The Mellstock Quire. A reading by Henry Comor from Thomas Hardy's book *Under the Greenwood Tree* about the English custom of caroling around the parish at Christmas, with music by a choir and orchestra conducted by Giles Bryant.

ALBERT SCHWEITZER

Part Two. Comor reads from Albert Schweitzer's autobiography, about the author's development as a musician and medical missionary, interpolated with Bach music played on a pedal-piano similar to the one Schweitzer had built.

11.07
12.07 AT, 12.37 NT
CHRISTMAS POPS CONCERT
Lighthearted program of music uniting the Swingle Singers and the Canadian Brass.
Until 1 a.m.

SUNDAY DECEMBER 26

RADIO

6.05 a.m.
7.05 AT, 7.35 NT
MAX FERGUSON
Max throws a Boxing Day party.
Until 9 a.m., pre-empting *The Food Show.*

9.05 AT, 9.30 NT
REGIONAL PROGRAM
Heard before *Sunday Morning*

9.05
10.05 AT, 10.35 NT
NEWS SPECIAL
Host: KEVIN MARSH
Reflections on news events of the past year, including the Falklands crisis, the Constitution, the economy, the Royal baby, and the Mid-East.

10.05
11.05 AT, 11.35 NT
POPS CONCERT Part One
Music from some great musicals. Pre-empting *Sunday Morning.*

11.05
12.05 AT, 12.35 NT
POPS CONCERT
Part Two
The King's Singers at the Edinburgh Festival.
Until 12 noon.

12.05
1.05 AT, 1.35 NT
GILMOUR'S ALBUMS
Host: CLYDE GILMOUR
Clyde presents happy and sentimental Christmas music, from serious to lighthearted.

1.05
2.05 AT, 2.35 NT, 4.05 PT
ROYAL CANADIAN AIR FARCE
10th season of comedy and satire. Stars Roger Abbott, Dave Broadfoot, Don Ferguson, Luba Goy and John Morgan.

1.30
2.30 AT, 3.00 NT, 4.30 PT
THE ENTERTAINERS
Host: HARRY MANNIS
A selection of light Christmas music by the St. James Cathedral Men and Boys Choir of Toronto, and the Christ Church Choir and Te Deum Choir of Hamilton, Ontario. Also a holiday reading by Morley Callaghan.

3.05
4.05 AT, 4.35 NT, 6.05 CT
6.05 MT, 6.05 PT
IDENTITIES
Host: DOUG McILRAITH
A look at the year 1982 with interviews and popular music selections from the past 12 months.

4.05
5.05 AT, 5.35 NT, 3.05 CT
5.05 MT, 1.05 PT
SUNDAY MATINEE
Host: NORRIS BICK
The White Christmas of Archie Nicotine by W.O. Mitchell.
Adapted from his short story by Bonnie LeMay.
When Archie Nicotine makes a deal

to sell Christmas trees on the minister's front lawn, it is the minister's wife who has to cope with the consequences.
Starring Marie Hohtanz and Graham McPherson.
Original music composed and conducted by Lucio Agostini.
Directed by Fred Diehl in Calgary.
See PREVIEW.

5.00
6.00 AT, 6.30 NT, 4.00 CT
3.00 MT, 2.00 PT
SUNDAY NEWS

5.10 ET
6.10 AT, 6.40 NT, 4.10 CT
3.10 MT, 2.10 PT
CROSS COUNTRY CHECKUP
Host: AUGUSTA LAPAIX
See phone numbers Dec. 5.

7.05
8.05 AT, 8.35 NT
SYMPHONY HALL
Host: KEN HASLAM
Vancouver Symphony conducted by Theo Alcantara;
soprano Nancy Hermiston,
tenor Mark Dubois.
Wagner: *Rienzi Overture;*
Mozart: *Deh vieni non tardar, from The Marriage of Figaro;*
Mozart: *Il mio tesoro, from Don Giovanni;*
Verdi: *Nabucco overture, Un de felice* and *Parigi, O cara, from La Traviata;*
Granados: *Intermezzo, from the opera Goyescas;*
Rossini: *Ecco Ridente, from The Barber of Seville;*
Donizetti: La-la-la-la from L'Elisir d'Amore;
Strauss: *Rosenkavalier Suite.*

9.05
10.05 AT, 10.35 NT
IDEAS PRESENTS
Host: SHARON DUNN
Pierre Teilhard de Chardin.
Part Four: The Mystic.
Evaluation of the specific features of Teilhard's mystical voice . . . the traditions from which he sprang, and the directions in which he was headed. Series concludes.

10.00
11.00 AT, 11.30 NT
NATIONAL NEWS & SPORTS

10.15
11.15 AT, 11.45 NT
SUNDAY SIDE UP
Host: DAVID SCHATZKY
The best in recorded comedy.

NIGHTFALL, Fridays at about 7:30 pm local and on RCI at 0030 GMT Saturdays on 11850 and 5960; on CBCNS GMT Saturdays at 0230 on 9625 and 6195: Dec. 17: "Signalman" by Charles Dickens, from his Haunting Tales. Adapted by Otto Lowy. The signalman's post is by the gloomy entrance to a black tunnel, a barbarous, depressing, forbidding place.

Dec. 24: pre-empted (AS IT HAPPENS reduced to half an hour, and VARIETY TONIGHT expanded to three hours).

Dec. 31: "Watching" by Bryan Wade. Night after night, a lonely young man trains his telescope on the high-rise apartment building opposite his own. As his obsession with one special woman grows out of control, he slides deeper and deeper into a vortex of psychotic imagination.

BOOKTIME, Mon-Fri at 10:25-10:40 pm local (not on SW) the week of Dec. 20 has stories from Canada and other Commonwealth countries, rather than a single serial; week of Dec

27, stories from Quebec.

C H I N A (Radio Beijing) Features for January 1983 (December features appeared in November RIB)

1 -- New Year Special Program
2 -- Rebroadcast of Special
4 -- Rebroadcast of Dec. 31 New Year Party at Central Nationalities Institute
5 -- CHINA IN CONSTRUCTION: China Pins Energy on Coal
7 -- THE LAND AND THE PEOPLE: Tibet after implementation of government's new policies
8 -- MUSIC FROM CHINA: Music of the Yi people in Liangshan Mtns
9 -- CHINA ANTHOLOGY: An ancient kingdom on the "Roof of the World"; LISTENERS' LETTERBOX: Do you use hydropower, wintersports, islands and rivers
11 -- TRAVEL TALK: Ancient port city Quanzhou
13 -- CULTURE IN CHINA: Micro-engraving on rice grains
14 -- THE LAND & THE PEOPLE: A Korean village in Jilin Province; PROFILE: Po Zan, an esteemed Buddhist leader
15 -- MUSIC FROM CHINA: Soprano Hu Xiaoping, first prize winner at Kodaly-Eykel International Music Competition
16 -- LISTENERS' LETTERBOX: photography in China, pro & amateur; cameras and films, principal crops
19 -- CHINA IN CONSTRUXION: China's mineral resources
21 -- THE LAND & THE PEOPLE: The tradition of respecting and caring for the elderly among the minority peoples
22 -- MUSIC FROM CHINA: Changan Music Fest.
23 -- CHINA ANTHOLOGY: The Yonghe Gong, biggest Lama Temple in Beijing. LISTENERS' LETTERBOX: humor on radio and TV, is polygamy practised in China, is abortion legalized?
25 -- TRAVEL TALK: Songhua Lake in northeast China
27 -- CULTURE IN CHINA: The one-minute story, a popular new literary form
28 -- PROFILE: Lin Junqin and his research in sound production; THE LAND AND THE PEOPLE: The Lawu people and their customs
30 -- LISTENERS' LETTERBOX: Beijing's big department stores, trolley bus system, Chinese railways and electrified rail-lines

Other regular features: Sun MUSIC ALBUM, Mon ACROSS THE LAND, Mon & Wed LEARN TO SPEAK CHINESE, Wed THE THIRD WORLD MARCHES ON, Sat CHINESE SAYINGS AND STORIES

(SPEEDX Program Panorama, Dec, edited by Woody Seymour)

EGYPT...Radio Cairo broadcasts to Europe in English daily from 2115 to 2245 UTC on 9805 kHz. Each transmission opens with NEWS HEADLINES, ORIENTAL MUSIC and FROM THE EGYPTIAN PRESS. Then you can hear until NEWS at 2130 UTC Mon SPORT REPORT Tue HERE AND THERE Wed QUIZ TIME(Part I) Thu POLITICAL TALK Fri ISLAMIC PAGES Sat POLITICAL ENCYCLOPEDIA Sun CULTURAL TALK; after the NEWS, you can hear the following feature programs, beginning at 2140 UTC: Mon FOCUS, ARABIC SONG, THIS IS ISLAM, SONGS AND MUSIC, TOURISM IN EGYPT, FAVOURITE MELODIES; Tue SPOTLIGHT ON THE MIDDLE EAST, ARABIC SONG, CAIRO MAGAZINE, THE PROPHET SAID, GREATEST HITS; Wed EGYPT AND THE PALESTINE CAUSE, ARABIC SONG, LISTENERS REQUEST, QUIZ TIME(Part II), EGYPTIAN SHORT STORY, MUSIC AROUND THE WORLD: Thu COMMENTARY, ARABIC SONG, DIALOGUE FOR PEACE, EGYPTIAN MUSEUMS, SCIENCE IN EGYPT, A THEME IN SONGS; Fri POINT OF VIEW, ARABIC SONG, LISTENERS CLUB, EGYPTIAN CIVILIZATION, DOWN MEMORY LANE;

...Sat EGYPTIAN PUBLIC OPINION, ARABIC SONG, STAMP COLLECTORS CLUB, MEETING IN CAIRO, IN SEARCH OF EGYPTIAN MUSIC; Sun COMMENTARY, ARABIC SONG, WITH THE LISTENERS, PHARAONIC TREASURES IN WORLD MUSEUMS, ALBUM REVIEW. Each transmission ends with NEWS HEADLINES at 2241 and ORIENTAL MUSIC at 2245 UTC. (Chris Stark, NB)

KUWAIT...Radio Kuwait has two English transmissions daily. The Evening Transmission is heard from 1800 to 2100 UTC on 11675 kHz. After the transmission opens, music is heard until the 1830 NEWS---SONGS & MUSIC is on Sun, Mon, Tue, Fri; THE YOUNG SOUND, Sat; IN THE LATIN MOOD, Wed; POP SCENE, Thu. At 1845, SONGS & MUSIC can be heard except Sun & Wed, when SPORTS ROUNDUP is scheduled. 1900 UTC: Sat KUWAIT IN A WEEK; Sun SONGS & MUSIC; Mon FACTS ABOUT ZIONISM; Tue THE HOLY PROPHET; Wed ARAB CULTURE IN A WEEK; Thu UNDERSTANDING THE QURAN; Fri THE FRIDAY REQUEST(to 2000 UTC). 1915 UTC: Sat THE AFRO-AMERICAN BEAT; Sun IN THE FRENCH MOOD; Mon MAGAZINE SPECIAL; Tue DISCO SMASHERS; Wed MUSICAL BIOGRAPHIES; Thu SOUNDS OF THE '80s; Fri THE FRIDAY REQUEST continues. 1945 UTC: ISLAMIC THEOLOGY daily except Fri, when THE FRIDAY REQUEST continues. 2000 UTC: Sat STRICTLY ROMANTIC; Sun POP SESSION SPECIAL(until 2100); Mon PELL MELL(until 2100); Tue MUSIC WITH A THEME; Wed SOUNDS UNLIMITED; Thu THE WAY YOU LIKE IT; Fri THE MAKING OF ISLAM & DAILY SERIAL. 2030 UTC: Sat LISTENERS DIGEST; Sun POP SESSION SPECIAL continues; Mon PELL MELL continues; Tue NIGHT FLIGHT; Wed THAT'S ENTERTAINMENT; Thu MUSICAL ENCYCLOPEDIA; Fri JAZZ SPECTRUM. At 2100 UTC, the station closes down. (Chris Stark, NB)

S A U D I A R A B I A (DX Ontario Interface, edited by Terry Bowden) BSKSA on 11855 or 11850; in generalities--

Monday		
	1700	Hope & Music ; Pioneers of Knowledge; Pick of the Pop ; A Leaf from the Life Notebook
	1830	Saudi Arabian Daily Concert ; This Week's Landmark ; music
	1930	Pop Music in Concert
	2000	Classical Music
Tuesday		
	1700	Evening Show ; Arab Solidarity ; Music ; World of a Guitar
	1830	Saudi Chronicle ; Short Story ; music
	1930	Round & About
	2000	Music of the Masters
Wednesday		
	1700	Jeddah Hilites ; Companions of the prophet ; Poetry & Music; A Leaf from the Life Notebook
	1830	Saudi Arabian Daily Concert ; Islam Feature ; music
	1930	Rock Music
	2000	In the Quiet
Thursday		
	1700	Pick of the Pops ; Eve and her World
	1830	Saudi Arabian Daily Concert ; Islam Feature ; Music Worldwide
	1930	Melody Makers
	2000	Concert Choice
Friday		
	1700	Old & New ; Muslim Reflections ; Arab Civilization
	1830	Saudi Corner ; Short Story ; music
	1930	Rock Music
	2000	Classical Music
Saturday		
	1700	Hope & Music ; Viewpoint ; A Leaf from the Life Notebook
	1830	Saudi Corner ; Folk Tune ; Short Story
	1930	Pop Music
	2000	Melody Time
Sunday		
	1700	Evening Show ; Companions of the Prophet ; Arabic by Radio ; music
	1830	Saudi Corner ; Music Program ; Small World
	1930	Music with Theme
	2000	Classical Music

S W I T Z E R L A N D (SRI) Sunday features --1st week of month, BALANCE SHEET--How business and industry combine with science & technology to make Switzerland economically sound. 2nd, ROUNDABOUT SWITZERLAND--Meet the people and visit the places the busy visitor often overlooks; a lesser-known Switzerland viewed through the audioscope of SRI. 3rd, SUNDAY SUPPLEMENT--In-depth expansion of selected subjects first introduced to SRI listeners on weekday DATELINEs. 4th, LET THERE BE MUSIC--Lance Tschannen's new music series on breaking down barriers between different styles of music, to make it a true common language of Mankind.

PROGRAMME PROFILE

Information on some of our regular programmes

SPOKEN WORD PROGRAMMES:

ECOWAS TODAY:
Since the founding of the Economic Community of West Africa States, ECOWAS, there have been various efforts at co-operation in the economic field, covering industries, agriculture and development projects such as road construction, transportation, etc. ECOWAS TODAY is a 30-minute programme that focuses on such co-operation in the sub-region.

THE SOUTHERN FRONT:
The African, as of today is passing through a traumatic experience of his life particularly in Southern Africa. He is faced with numerous problems, not only of food, shelter and health, but he also has to grapple with perhaps the more painful problem of colonialism, neo-colonialism, racial oppresion and exploitation.
Our Programme, The Southern Front' is dedicated to just one of them; the emancipation of the blackman in Southern Africa.
The battle is pitched in Southern Africa against the white racist oppressors, and "The Southern Africa" will stand as the blackman's hunting dog for freedom and justice. Not only will it watch over current happenings in that part of Africa, it will also sniff out and bark at the tendentious moves by the racist oppressors, and lead the way as the Africans fight back.

MUSICAL ECHOES
In this new music programme on the West African Service, we recall Nigerian tunes of yesteryears - those that evoke nostalgic memories. We shall also re-live the epoch-making musical fiesta of FESTAC '77.

VOICES:
Choral music from Nigerian folk-lore, sung either in their traditional form or as choral arrangements for the concert stage.

VON LINK-UP:
A people-to-people programme through which our listeners send messages and music to their friends and relations . . . Outside our borders of course. Recorded messages from listeners help to make the contact closer.

VON PLAYTIME:
This is a quarter hour programme of light-hearted instrumental music performed by a solo artist with a wide range of popular and folk music of Nigeria, played in a listening manner. Artists billed for this programme are people conversant with the daily musical events of Nigeria who have had a taste in all forms of medleys and cocktail music.

MUSIC FOLKLORIQUE
Nigerian folk-songs performed in a fairly intimate style by solos and small groups.

OUR MUSIC:
Indigenous Nigerian Music presented with facts about origins, purposes (social religious ritualistic) in simple straight forward easy to digest form. Such inspires dancers.

NIGERIAN SCENE:
Week after week, important visitors come to Nigeria and Nigerian functionaries go out to fulfil important assignments in many parts of Africa and other parts of the world. Also, within Nigeria; social, political, economic and other events happen at a rapid pace. Nigerian Scene brings you these news events as they happen. The programme is a 15-minute production by all three Services of Voice of Nigeria and broadcast at such times that will reach a wide listenership.

SPORTING SCENE:
Voice of Nigeria stays up with the actions in sporting arenas in Nigeria, Africa and the rest of the world. Wherever people are engaged in sports, we are there to fill you in with the details. Beginning with this second quarter, we shall broadcast a 15-minute report titled "the sporting scene." The programme will feature commentaries, eye witness accounts, interviews and reports on important sporting events that have taken place or about to take place. We also throw our spotlight on sporting personalities.

TRADE WINDS:
A Magazine of current market possibilities in Nigeria, investment openings, new goods on the Nigerian Market which are available to Overseas buyers, and the Nigerian Stock Market Report.

ASSEMBLY TALKING POINT:
Weekly Report on the main issues of debate or interest from the National Assembly in Lagos.

CELEBRATIONS:
Celebration is a term which embraces most of our cultural activities – activities with undertones of happiness and remembrance. The programme takes on issues concerning, the family and occassions during which we celebrate, for example child-naming, coming of age, marriage ceremonies.

Then there are personal achievements signified in title taking, in social and religious festival and celebrations connected with traditional vocations. During these times there are speeches songs, eulogies and dances. Celebrations will reflect all these moments of joy and festivities in the cultural life of the different ethnic groups of Nigeria.

BONDS OF HARMONY:
This 15-minute programme explores Nigeria's links with the International Community on matters of culture, trade, education, industry and technology
The focus will be on international co-operation between Nigeria and the different countries of the world with which we have bi-lateral relations and what the benefits are that accrue from the co-operation.

NIGERIAN COMPOSERS:
The programme will feature classical works composed by Nigerian musicians. Compositions such as that of the Adam Fiberesima, Dan Maraya Jos, Adigwe Okonkwo, Dayo Dedeke and Sam Akpabot will introduce you to works both modern and traditional.

N I G E R I A (gh) Wonder of wonders, we received a V of Nigeria program schedule (slightly) before expiration Jan. 1. We have laboriously picked out the times for pgms described at left.

ECOWAS TODAY: Sun 1200, Wed 1100, Thu 1000 7255

THE SOUTHERN FRONT: Thu 1715 11770; Tue 1000, Wed 1100, Sat 1000 on 11770

MUSICAL ECHOES: Mon 2015, Tue 0800 & 1600, Thu 1400. On 7255.

VOICES: Sun 1000 on 15120, Mon 0715 on 17800 & 15120, Mon 1515 on 15120.

VON LINK-UP: Sun 0500 11770, Sun 1400 15120, Mon 0900 17800 15120, Tue 1300 7255, Wed 0500 7255, Thu 0500 11770, Thu 1600 7255, Fri 0800 11770, Fri 1800 17800 15120, Fri 1900 7255, Sat 1900 7255.

VON PLAYTIME: Sun 1300 7255, Mon 0600 11770, Tue 0900 11770, Tue 1515 & 1915 7255, Wed 1600 7255 15120, Thu 1200 15120, Thu 1215 7255.

MUSIC FOLKLORIQUE /sic/: Sun 1000 7255, Mon 1015 11770, Mon 1200 15120, Mon 1815 17800 and 15120, Tue 0715 11770, Tue 0915 7255, Wed 1000 15120, Wed 1500 11770, Thu 0815 11770, Fri 2015 11770.

OUR MUSIC: closest thing found is OUR SOCIAL MUSIC: Sun 1100, Mon 0800, Thu 0615; 11770

NIGERIAN SCENE: Sun 1015 7255, Mon 2000 7255, Tue 0700 11770, Tue 1015 15120, Tue 1100 7255, Wed 1800 15120 17800, Wed 2000 11770 7255, Thu 0700 17800 15120, Thu 0900 7255, Thu 1215 15120, Thu 1500 11770, Thu 1900 7255, Fri 1600 15120, Fri 2000 7255 11770, Sat 0700 11770, Sat 0900 7255, Sat 1115 15120, Sat 1315 15120, Sat 1600 7255, Sat 1900 11770. Missed two: Tue 1500 7255, Thu 0800 11770.

SPORTING SCENE: Mon 1600 7255, Tue 1415 15120, Tue 1715 11770.

TRADE WINDS: Sat 2000 7255, 2145 17800 15120; Sun 1115 7255, 1015 & 1615 15120.

ASSEMBLY TALKING POINT: Fri 0700 11770, Fri 0715 15120 17800, 0900 7255, Fri 1015 15120, Fri 2115 15120 17800. Fri 1515 7255. Sat 0715 11770, Sat 1000 7255, Sat 2100 15120 17800.

CELEBRATIONS: Mon 1315 7255, Mon 1715 11770, Mon 1000 11770. Wed 0800 11770, Wed 1900 11770, Thu 0900 15120 17800, Thu 0915 7255, Thu 1500 15120. Fri 0600 11770, Fri 1215 15120, Fri 1600 7255. Sat 1015 15120.

BONDS OF HARMONY: Sun 1800 15120 17800, Mon 1200 7255, Mon 1215 15120, Wed 0815 7255, Wed 0915 17800 15120, Thu 0600 11770, Fri 1000 11770, Fri 1215 7255, Sat 1415 15120.

NIGERIAN COMPOSERS: Sun 0700 11770, Sun 0800 7255, Sun 1200 15120, Sun 2100 15120 17800. Tue 0800 11770, Wed 1800 11770, Thu 0700 11770, Thu 1500 7255, Fri 1800 11770, Sat 1500 7255.

Voice of Nigeria also has some Xmas Specials: On the C&SAf service 11770: XMAS SHORT STORY Dec. 25 1615 & 2015; XMAS PLAY Dec. 25 0600, 26 2000.

LOOKING BACK, Dec. 31 2000, Jan. 1 0500 & 1500. NAf & Overseas service on 15120 and/or 17800: XMAS SHORT STORY Fri Dec. 24 2115, Sat Dec. 25 1315. XMAS PLAY Sat Dec. 25 2100, Sun Dec. 26 1300. XMAS READINGS Sat Dec. 25 1115, Sun Dec. 26 1615. LOOKING BACK Fri Dec. 31 2100, Sat Jan. 1 0700. XMAS SHORT STORY is also on the WAf service (7255) but no times given.

U K O G B A N I (gh) BBC December highlights appear elsewhere in this RIB, but a look ahead here at the first half of January: PLAY OF THE WEEK, Sats 1830, Suns0030 and 1200: Jan 1 "Forget-Me-Not-Lane" by Peter Nichols. Jan 8, "Hedda Gabler" by Henrik Ibsen. Jan. 15 "Heil Caesar" by John Bowen. THIRTY MINUTE THEATRE, Sat 1330, Thu 1830, Fri 0830 & 2330: Jan 1, "The Unrest Cure" by Saki. Jan.8, "Salient Facts" by Karl Barry. Jan. 15-Feb. 26 "A Small Town in Germany" by John le Carré.

Features: BOOKS, MUSIC & LYRICS Jan. 1-Mar. 26, Sats 2030, Mons 0100, Fris 1330. Sun 1430, Fri 0230, 1830:: Jan. 2 "Attlee: The Underrated Prime Minister"; Jan. 9 "A Stroke of the Pen" interview with forensic scientist; Jan. 16 "You Don't Have to Believe Your Eyes" more on forensic science. At Mon 1130, Tue 0030, 1615, Fri 2030, "Let's All Go to the Music Hall", Jan. 10 & 17.

Talks: "I Say You Chaps!" about the school story in English fiction, Mons 0315, 1415, Thurs 1015, Fri 2145, Jan. 3-24. Music: "Musical Musings" Jan. 2 onwards, Suns 0215, 2100, Mon 0545, Tues 1015, with Lord Harewood. "Arranged for the Piano", Jan. 1 Sat 0330, 1430, Tues 0830, Fri 0630. "Dances of the World", Jan. 5 onwards, Wed 0530, Fri 0215 & 0815.

U S S R (via Kraig W Krist) Radio Moscow World Service, selected features: ROUND ABOUT THE USSR, Tue & Sat 0210, 0510, 1210, 2210. MAILBAG Wed & Sun 0210, 0510, 1210, 2210, Mon 0410. SCIENCE & ENGINEERING Mon 0210, 0510, 1210, 2210. CULTURE & THE ARTS Sat 1410, 1910, Sun 0010, 0910, 1510, 2110 and Mon 0610. DISARMAMENT--THE ISSUE OF THE DAY Sun 0610, 1410, 1910, Mon 0010, 0910. RUSSIAN BY RADIO Sun 0030, 0430, 0830, 1730, 2130, Mon 1230. AUDIO BOOK CLUB Sat 0030, 0830, 1730, 2130, Sun 0630, 1230, Mon 0430. DISC PANORAMA Mon 0230, 0530, 1330, 1830, 2230, Sat 1330, Sun 0230. JAZZ SHOW Tue 0230, 0530, 1330, 1830, 2230, Sat 0230, Sun 1830. THE FOLK BOX Thu 0230, 0530, 1330, 1830, 2230, Sat 0530, Sun 2230. MUSIC & MUSICIANS Fri 0230, 0530, 1330, 1830, 2230, Sat 2230, Sun 1330. MUSIC AT YOUR REQUEST Wed 0230, 0530, 1330, 1830, 2230. Sat 1830, Sun 0530. YOUR TOP TUNE Fri 0630, 2330, Sat 1530, 2030, Sun 1030,Mon 0345. NEXT WEEK'S MUSIC Fri 1730, Sat 0430, 2130, Sun 1230.

AUDIO BOOK CLUB: best of Russian classic and Soviet literature, offers club membership and special awards for winners of quarterly literary contest. YOUR TOP TUNE is listener-participation, culminating at final program of month. Prizes of Melodiya records, Russian souvenirs and books.

G E R M A N Y W E S T Christmas on Deutsche Welle:

DW-Festtags-Programm

	Freitag, 24. Dezember 1982 Heiligabend	Samstag, 25. Dezember 1982 1. Weihnachtsfeiertag
1. Sendestunde	00 **Nachrichten** 10 **Ansprache des Bundespräsidenten Karl Carstens** Anschließend: **Friede auf Erden** Wir feiern den Heiligen Abend mit unseren Hörern	00 **Nachrichten** 10 **Geistliche Ansprache zum Weihnachtsfest** Landesbischof D. Eduard Lohse, Hannover 15 **»Freu dich Erd' und Sternenzelt«** Günter Wewel singt mit dem Kinder- und Jugendchor Arnsberg und der Liedertafel Arnsberg
2. Sendestunde		00 **Nachrichten** 05 **Weihnachtliche Reise durch Deutschland**
3. Sendestunde		00 **Nachrichten** 05 **Frohe Weihnachten!** Musikalische Hörerwünsche zum Fest
4. Sendestunde	00 **Nachrichten** 10 **Katholischer Weihnachtsgottesdienst** aus dem Paulus-Dom zu Munster Predigt: Bischof R. Lettmann 45 **»Die Wünscheiburger Christnacht«** St.-Bartholomäus-Chor, Urbach/Rhein	00 **Nachrichten** 10 **»... geht Herberg dem Heiland«** Weihnachten zwischen Neckar und Neiße
	Sonntag, 26. Dezember 1982 2. Weihnachtsfeiertag	**Freitag, 31. Dezember 1982 Silvester**
1. Sendestunde	00 **Nachrichten** 10 **»Fröhlich soll mein Herze springen«** Ein Weihnachtskonzert mit A. Rothenberger, H. Prey, Augsburger Domsingknaben, Bayreuther Madrigalchor	00 **Nachrichten** 10 **Ansprache des Bundeskanzlers** 20 **Glückliches neues Jahr!** Hörer grüßen mit Musik Am Mikrofon: Peter René Körner
2. Sendestunde	00 **Nachrichten** 05 **Heute ins Theater** »Der Rosenkavalier« Komödie von Hugo von Hofmannsthal	00 **Nachrichten** 05 **31. Dezember 1932 - Nachlausgabe** Letzte Kabarettsendung der Weimarer Republik
3. Sendestunde	00 **Nachrichten** 05 **Frohes Fest!** Musikalische Weihnachtsgrüße von Hörern für Hörer in aller Welt	00 **Nachrichten** 05 **»Ganz ohne Weiber geht die Chose nicht«** Ein Melodienstrauß zum 100. Geburtstag von Emmerich Kálmán
4. Sendestunde	00 **Nachrichten** 05 **Die klingende Rätselwelle** Ein musikalisches Ratespiel 45 **Käpt'n James bittet zum Tanz**	00 **Nachrichten** 05 **Ansprache des Intendanten** 10 **Politischer Jahresrückblick** 45 **Wir tanzen ins neue Jahr**

S A I P A N (Radio & Records, Dec. 3, via Bob Shrader TX. and Dave Alpert, NY)

Japan To Get American Contemporary Hit Station

"Super Rock KYOI" Beams CHR From Saipan

Beginning December 12, shortwave station KYOI on the Pacific island of Saipan will begin beaming 100kw of American contemporary music to Japan. KYOI owner **Lawrence Berger**, who also owns stations in Hawaii, Guam, and American Samoa, said, "We decided to launch KYOI because we feel demand for an all-music station is enormous in Japan. The Japanese government has licensed a very limited number of radio facilities in the country, and these are programmed with highly blocked formats to include cultural events, news, and other non-music segments."

Claiming KYOI would provide Japan with its first 24-hour music station, Berger also announced KYOI's programming would be handled by **Drake-Chenault**. D-C President **Jim Kefford** said, "KYOI will be programmed with the Japanese music fan in mind. It is designed to be very much like an American West Coast contemporary music station. Announcers will speak English and KYOI will have a very hip, very contemporary atmosphere. There is a great deal of infatuation with the United States and with contemporary music in Japan, and we are providing music for the fans who already exist."

Because Saipan is a protectorate of the United States, KYOI is licensed by the FCC. Under the new format, the station will call itself "Super Rock KYOI," "yoi" roughly translating to "good" in Japanese. Berger indicated that KYOI's shortwave setup would not be a problem, saying, "Unlike in the United States, there are many shortwave receivers in Japan. In populated cities about 30% of the people have shortwave equipment. The audience potential is enormous."

IT CAME FROM A RADIO

(C) 1982 by David Newkirk

The importance of one's work can only be enumerated by another or by many others, for, to the Worker himself, his own Work is his life -- a line -- and since he is himself a moving point on this line, he cannot see his Work, and its effect on others, as a whole.

To his observers, all that can ever be seen of that man's life is apparent only in the form of his Work, because all an observer can ever know of the Worker himself is a smattering of various visible points on the Worker's own line -- when he was to be seen, for a while, on the bus, taking lunch, or as a voice at the other end of a telephone... This is the effect of what has in other fields been termed the Scandal of Particularity.

From a Worker's Work, we might try to extrapolate the line of his life from just these points -- create him in our minds as a man. But merely connecting the dots, we never can. And so as to the relative transience or durability of "souls" we shall never know.

(adapted from 13 April 1978)

He sat at a desk. The dog, half Norwegian elkhound and half German shepherd, lay behind him, watching. He turned. The dog lay with chin flat on the floor, breathing the chill air of the room. With each exhalation, a matte patch of condensation bloomed on the glossy brown paint of the floor at the animal's nostrils, receding slowly during each inhalation, as regularly as a tide. Glad of recognition, the dog brightened and raised its brows.

He met the dog's brown eyes, its open face wondering, sentient, alive. He thought of a question. "None of us can ever give anything and anyone the attention they deserve, can we?"

"No," was his own reply. "None of us ever can. Ever."

(from 13 October 1980)

I met a man in 1978, in Chicago, after he had been trying, on and off, to meet me for the better part of ten years. In the late 60's, in my early teens, I was just involving myself with phenomenal radio. Richard Pistek, then a regular contributor to the shortwave broadcast section of the Newark News Radio Club Bulletin, scanned contributors' credits each month with the idea of striking up contact with locals. NNRC was nothing new to me when I began in radio; my father, then in his third decade of editing "How's DX?" for amateur radio's QST magazine, received the Bulletin gratis each month as a source of information. As soon as I felt certain enough of my dial calibration and what I was hearing, I submitted a meek few items to editor Bennett. As soon as, or almost before, they appeared in mimeograph print -- my father received the Bulletin by third-class mail, and Richard likely had it sent "first" -- one Richard Pistek, WPE9HOA, appeared at the other end of the Newkirk telephone and wanted to know what was what.

It was a meeting to be postponed for nearly ten years. I entered amateur radio and high school within three weeks of each other, leaving the bulk of receive-only radio work -- and what it entailed -- undone. Richard would continue to call the Newkirk residence sporadically, even through the years I spent working for amateur radio at the American Radio Relay League in Connecticut. I had not realized the extent of his personal commitment to radio and was trying to fathom mine. I seem to recall that he called again just prior to Christmas in 1974, but the message was inefficiently taken and my memory is unclear.

Mid-1977 had me returned from the League and freshly installed in a second-floor apartment in a four-flat on the near North Side of Chicago. Outside was a row of Norway maples, on the trunk of which, a year later, I would discover a female Polyphemus moth with only seven eggs left to lay. On a balustrade newel at the top of the front stairs the Latin Kings street gang had left their carven calling card; from the kitchen one could see the tallest building in the world while the neighbors four houses down tossed live chickens, clucking, into a yard from three stories in the air. Radio? A bought-damaged-for-cheap kitchen table from Ward's sagged under the hundred-pound weight of a Collins 32V-3 amateur transmitter, and what little remained comprised a Drake R-4B/FS-4 and clock. Wire was draped about the three main rooms -- antennas. Richard called again, in early February, 1978, after a fresh report of mine appeared in the NNRC Bulletin; he'd gotten the phone number from my father. Not long after a crippling snow slowed the city for a week, Richard arrived one evening with both arms full.

I want to explain what is going on in this narrative. My memory allows me only spotty detail for an account of that evening in early 1978 and I wish to keep it so, for reasons perhaps deducible

from what comes later, even though I actually have no hope of doing little else, the past being irretrievably gone. A synopsis of the events leading up to this meeting might go as follows: "Young radio enthusiast P attempts contact with another such enthusiast N through seeing N's name in an NNRC Bulletin, but does not immediately succeed. The other enthusiast, N, after a period of years, resurfaces in the Bulletin. P reattempts contact and succeeds, arriving at N's apartment in the second week of February, 1978." That's it in a nutshell, no? Er, a bit simplistic? Perhaps I have omitted some incredibly important detail; I may even be overlooking something I had no choice but to overlook because whatever it was was somehow beyond my comprehension or my ability to perceive. What would this essay be if written from Richard's point of view? Which -- whose -- history of these events is "true"? How many histories need we write from our myriad points of view to achieve some semblance of any actual story? Back now to Richard with full arms, me and radio, in February, 1978, on the near North Side of Chicago, in the snow.

Standing at the door was Richard Pistek, Richard Pistek with his arms full of radios, club bulletins and books. I remember his sparkling dark eyes and black hair above the sport shirt, slacks, white socks and black shoes. In he trudged. We would eat through the stockpile of resources he'd brought in the next few hours; we would talk of club memberships, contacts, QSLs; we would travel a few miles southwest to visit listener Tim Barany of Oak Park, Illinois; later, there would be dinner at the International House of Pancakes out toward Cumberland on North Avenue. We would end the evening with Richard and me shoveling and shoving his car free of the ice beneath its spinning wheels, with one of his inventions -- a rubber mat driven through with rivets or studs, to be placed beneath a wheel -- being shredded in the effort. It was a cold night, and reasonably good for radio.

The details can only be jumbled. At one instance that evening, Richard sprang to the Grundig portable he'd brought for the evening's listening to Kol Yisrael. ("I'm one of their monitors. Could you dial up the other channel on the Drake?") The necessary reporting completed, we scanned 49 meters. "6195? Wait a minute -- there's a station there at this time that I haven't logged yet!" (Richard had brought along a "little black book" -- a binder with SWBC channels listed by frequency, each page listing stations heard on a particular channel. There were too many loose-leaf pages for its three rings to handle; their punched holes had begun to erode on the outer leaves.) Richard had brought along a map of the Chicago area with the locations of all the area's a-m, fm and television transmitters indicated thereon. "Are you a member of NASWA? I update my WRTH" -- he pronounced the acronym as a word, "rith", short "i" -- with 'Listeners Notebook' -- ever read it?" Every month, or at least once in a while, I gathered, Richard headed down into Chicago's southern suburbs to help Alan Mayer assemble FRENDX.

Richard had included photographs of his listening post in his traveling kit. I believe that he used an HQ-180; I seem to remember that it was the receiver dwarfed against a wall of print wallpaper covered with listening awards and QSLs. We reminisced about Richard's coup with the station at Tarawa in the Gilbert and Ellice Islands; if I remember aright, Richard was the last person to verify its 10-kilowatt outlet on 4912.5 kHz before it was closed down in the late 60's or early 70's, the mediumwave outlet covering the necessary territory well enough on its own. He had brought QSLs, as well.

Richard had a ringing laugh. "How old do you think I am?" he asked at one point. I dread questions like that. "Twenty-four, twenty-five?" He smiled a practiced smile. "Twenty-nine!" And he laughed his laugh.

Let me gloss more of the evening's events in even sketchier fashion. At Tim Barany's we saw Tim's verification from a mediumwave graveyarder, 1 kilowatt night power, out of Happy Valley, Newfoundland, one of those magical blue CBC QSLs done in blue, black and white. Tim had a handful of several tens of Radio Moscow QSLs; he was trying to collect "the whole set". (Richard handed them to me. He knew I was fascinated with Tashkent; my guitar is named Tashkent.) Tim also had a basement full of defunct National HRO receivers; he was taken with the HRO and merely liked to have them around. He and Richard got going on QSLing and the latest vagaries of the Eastern Bloc verification scene...and I will never forget the force of feeling distinctly and forever out of their league. These guys were the pro listeners, the gung-ho aficionados. Before we'd left for Oak Park, I'd almost blasted Richard out of his chair by giving him all but a few of the verifications, mediumwave and shortwave, I had collected. They meant little to me, I said. He accepted them eagerly.

"I am in this for my ego's sake," Richard said, almost pacing. He again indicated the photographs of his awards. "You know, one thing really bugs me. I have verified all fifty states on the broadcast band." We had talked of the failing clear channels, the rise of no-silent-period regionals, the impossibility of hearing KOB (Albuquerque) in Chicago any more; he had the KOB card with him. "I have verified all fifty states on the broadcast band, and the one guy it really matters to me to have believe me" -- I will call him K -- "refuses to believe me." I sympathized with him but tried not to say too much about this; I had spent the past three years at the ARRL looking at thousands of amateur QSLs a day. From such surfeit I knew their limitations, especially in swaying the beliefs of those who are determined not to be swayed. "I have the QSLs. He will not acknowledge

that I have done it."

When this subject came up again over dinner, I made an effort to approach the verification business from the standpoint of one who believes that his own conviction that he has accomplished something is his greatest treasure. But on that point, Richard and I were at odds -- not destructively, just forever and philosophically. He was as honest as anyone who was giving his all to a hobby could be. "I am in this for my ego's sake."

"Do you want to borrow a few issues of FRENDX? You ought to join." I begged off; I still felt out of place, dazzled; honestly, there was something in his commitment far beyond my ability to become involved in the way these Pisteks and Baranys -- you could read the Dexters and the Perrys -- went at radio. And so it seems to me to this day.

We loaded the car back up with the Grundig, the QSLs and photographs, the books and maps and club bulletins. Then we spent fifteen minutes getting Richard clear of the ice. He was parked underneath a streetlight in which the timer -- or the photosensitive trigger -- was defective: every few minutes, the lamp would wink out and reignite with an ominous buzz, glowing a smothered deep evil orange at first and swelling within a minute to a blinding pale sodium light. Richard pulled out into the street in a yellow moment and managed to keep to the ruts. North Avenue was clear.

And so you listen many nights to the news and to the radio, and of the grand dots you collect can you conjure a valid image of a single person, or of the world? And what of Richard -- do you know him any better now? I have spent time with this man and know almost nothing of his story. I have never even seen the inner workings of my own right arm. What kind of system of symbol and perception, what kind of world is this, anyway, this system of thought and speech that allows us to prattle on about having covered the bases when the slightest investigation shows those words to be hollow to the core?

The news never ends, and if we have any sense at all we realize that it won't. Ever. But we are in a hurry. The votes aren't even halfway in, and the winner is declared; the bright kid raises her hand before the question is fully raised. There are statements about human perception that are worse than truisms; we ignore them and discard their meaning for this reason. But if a truism is true, don't we hurt ourselves by trashing it and its import just because it is poorly put or, on its surface, banal? The truism is that you can't know enough, you can't ever care enough, and the fact is that there is always more of any story to be known. Jorge Luis Borges wrote, in the fiction "Funes, the Memorious", that Funes, a young man whose mental processes consisted not of what we know as thought but of limitless perceptions and cataloguings of detail, had to lull himself to sleep by imagining a block of unfinished houses on the other side of town -- a district the details of which he could not yet know -- as a sort of grey vagueness, such featurelessness being his only respite from knowing. Can we yet claim such luxury? How do you think yourself to sleep?

How does this relate to Richard, and to radio? Mainly in that we often go to the radio for news of far away, for glimpses of the lives of people we do not know. I have already hinted at the weakness in this business of second- or n^{th}-hand reportage; at every turn the process is limited and proves its limitations daily, yet relatively rarely do we, as groups, admit this and make decisions bearing on the future of the medium on that basis. It is almost as if we must, in groups, lie to ourselves, and tell the truth only occasionally, to those people we are close to, if they're lucky, and that behind thick doors. My own opinion, for instance, is that international broadcasting as it now exists should be abandoned, but I suppose that this arises from my feeling that nations themselves should be abandoned. Dream on. The overriding truth is that all broadcasting is domestic when one regards humankind as a whole.

What of the image of the radioman? You have these words, and what is in your mind, and nothing more. As I say, I've met him, this radio-man Richard Pistek, but what strikes me most strongly is what little of him I will ever know.

You will never know Richard Pistek, and neither will I, but I know when I'm licked, and I know when to care. Each time I tune past 6195 kHz, he is in my conscious memory again, slogging down pancakes, laughing, or hauling a torn rubber mat from beneath his steaming tire, for the good such memory will do. No, this is no exorcism of guilt; with all due respect I have tried to honor him by offering my recollections of him as an example of what it was he loved: radio. Our inability to truly know is panhuman and eternal; what we can work on is admitting -- in crowds and in the news papers and on the radio -- that such is the case, thenceforth tailoring our societal gathering and dissemination of information to reflect this. There are other options. Perhaps the constant saturation with lies while exalting the truth is societally normal and salutary, as it is for any good schizophrenic. Or might we weasel out of this corner with the solemn scientific announcement that all of this, our birthing and dying unrespected and unexplained, our attempting to know and love anyone and anything, and being doomed, group to group, to frustration, many times, in efforts to do so -- are, finally, nothing but jolly good entertainment? Don't get me wrong; entertainment is wonderful, and humankind, it is true, now holds in its collective hand the means to entertainment the like of which this planet, apparently, has never seen before. At the controls of all these information and pleasure machines are humans, though; and humans as they are, not as they seem, not having seen,

really, so much as the inner workings of their own right arms or the whorls on their scalps, as they are can be cared for only by their fellows. The world will not care, and neither will the machines. Shall we now substitute, therefore, for that human care, or for, say, the enjoyment of a sunny day in Seattle, the exaltation instead of someone's feckless and ritual reportage of these actualities and not the actualities themselves? The news is where you are, as is the real life. Shall we give equal weight to events in Lebanon and the coverage of events in Lebanon? "New World Information Order"? Informing who of what, in what improved way? Allowing which people to live "better" for how long at what cost to whom? Richard could not prove to one man that he had heard and verified fifty United States in his hobby of radio.

So many technophiles -- you and me -- have cast a certain mortal humility to the wind. Far away from the witless machines and information systems we live our actual lives of blood and thought and cell; we live and die. We are always turning from the terrible contrivance; we are ever quitting work and heading for home; home, the real life, is the only news worth hearing. But more and more, with ominous delight, even in the off hours we opt for the glitter of roles and allow bewitching tools to stand in the way. Does your image of the radioman point, now, toward home, or smack only of one more mediaic show?

(Terry A Klasek, St Louis, Missouri, writing in the National Radio Club's DX News of Monday, 16 March 1981) I must say that I was very shocked to read in DX News that Richard Pistek had passed away. As he was younger than I it hurt me even more. Richard Pistek was my best friend in DXing, and three times in 1980 he drove 300-plus miles to St. Louis to attend my SLIDX meetings! We corresponded regularly, and at times he seemed distracted. In early October he purchased a gun, and had it hidden in his room. He was very despondent about losing his mother in 1979, and that many stations were not answering his reports. There were many other things that deepened his depression. On December 17, alone in the house, he put the gun to his heart and pulled the trigger. To him that was the only way to escape his problems. I for one will miss Richard Pistek very much. I sent sympathy cards to his father for SLIDX, and myself. I told him to throw away none of his QSLs, etc. As he had over 1,200 BCB stations verified I hoped to get them to send his cards and letters to NRC HQ at my expense. I was surprised and deeply honored to receive a letter from Richard's uncle telling me that his father has given me everything of Richard's that is radio-related, i.e., all radios, QSLs, bulletins, pennants, etc. As you read this I am in possession of all these after traveling to Chicago to accept them. What am I to do with two shocks in one? I am open to ideas on how to distribute his BCB QSLs. I wish to place them in one spot! Everything will be displayed at the ECCA '81 convention here in St. Louis July 4-5, 1981. I ask you for ideas and suggestions. Best of DX to all, and say a prayer for Richard Pistek.

(Nan Hawthorne Tedford, Marquette MI) Regarding Bro. Mike Tripka's letter in November RIB concerning the occult influence of the game Dungeons & Dragons-- This is the second time I've read in a shortwave hobby-related magazine that some particularly engrossing hobby has an unhealthy influence on a person's mind and has in some particular case led to suicide. I would appreciate the opportunity to reply to the logical fallacy in this reasoning. About a sesquiyear ago it was reported that a Chicago DXer had killed himself. Soon thereafter Terry Klasek, then publisher of The Gridley Wave, wrote an editorial warning DXers to get out and socialize, so as to avoid this fate. The language of his editorial implied that DXing, or other such frequently solitary pastimes, can cut a person off from healthy relationships with peers, family, and the like. Now in Tripka's remarks I hear of the demonic influence of D&D, which can apparently prey on one's mind to possible fatal outcomes. When two occurrences are linked chronologically, they do not necessarily constitute cause and effect. Why jump to the conclusion that DXing lures one into unhealthy solitude or that D&D, which involves fantasy characters, leads to "Satanic" obsession or possession, and death? Can it not simply be viewed that a person, already unhealthfully solitary and maladjusted, picks up a hobby like DXing which one can do alone, or that a person already unhappy with himself and seeking a fantasy life finds a role-playing game like D&D an opportunity to make his fantasy "true"? Both hobbies are participated in by plenty of active, healthy, fulfilled people. Since they are not looking to these pastimes as anything but engrossing and educational, or at least as only mildly and healthfully escapist, they are extremely unlikely to sink into some kind of moral or mental deterioration as a result of participation in them.

Off that subject, but still in reply to Tripka: Yes, ancient mythologies did include a figure which Christians associated with Satan. His name was, in fact, in some cultures "Lucifer." But if Bro Tripka will research further, he will learn that this was the God of Light, not evil. His attributes, including symbolism of the male contribution to reproduction and his sacrifice so that the world might be saved from destruxion were split by early Christians between two Christian figures--Satan & Christ.

THE TROUBLE WITH INFORMATION

by Paul A. Gilster

There's a great deal of nonsense being written these days about something called the 'information explosion.' A compelling argument can be made that the average person today has access to more channels of information from a greater number of sources than ever before. Of course, this is true of media other than radio; I once heard it said that a college freshman today is exposed to a greater and arguably better range of literature than such classicists as Dryden or Johnson could have dreamed of, given earlier standards of printing and distribution. Being exposed to something is, however, only part of the process, and useless unless learning takes place.

But let's leave learning aside for a moment. There's unquestionably a revolution of some kind going on, not only in our beloved radio but also in many other areas of communications. Cable TV changes the nature of geography as it relates to television signals; now you can receive WTBS Atlanta all over America. Satellite communications systems make possible all sorts of transnational and international contacts, and computer systems for the home, so ballyhooed in the press, offer the possibility of vast networks of users linked by CRT display. Meanwhile, we have radios that are easier for the layman to tune and whose memories can store up frequencies for our later recall. More and more people are listening to more and more news. Fallout from the information explosion settles into all aspects of our lives.

I got to thinking about all this during the Falklands war. Like, I suppose, many shortwave people, I've always felt rather protective about the Falklands. No one but us knew where they were, after all, and their remote station at Port Stanley became one of the most challenging catches of all, well-nigh an impossibility on the faintly sputtering 120 meter band. The Falklands for years have evoked just the sort of exotic daydreams that are inescapably a part of long-distance radio. When they were invaded all of this changed. Suddenly I found myself describing to friends where to find them on the map, who lived there, what their products were - in short, all the things that shortwave listeners tend to learn about the countries they hunt for.

My friend Paul Kolisch was pretty upset about the Falklands too. Paul is an Englishman by birth, although he has somehow picked up a New York accent (while living in North Carolina!); naturally he was indignant about what he referred to as "those bloody fascists" taking over the Falklands and, since he is what they called a 'news freak,' he was always hunting for new information about the crisis. Here was an occasion where shortwave really showed its colors. The news-hungry face of my friend became a daily sight as he learned I was able to supply him with an endless stream of information culled from the radio. Almost all of this came off the BBC; between the extensive coverage on the World Service and the "Calling the Falklands" material, Paul found himself swimming in a sea of data. Contentment came over his features, and also a look of inquiry. Shortwave radio was beginning to sound pretty interesting to him.

I didn't talk to Paul about this, but I suspect that what the Falklands war really illustrates, however, is not the wealth of information on shortwave but its relative scarcity; the Falklands war was emphatically an exception that proved a rule. The reason for this is that this war was a British one, invoking the multi-talented BBC to pull out the stops on its coverage (angered the government too, didn't it?). No one doubts that the BBC is the most varied, interesting, and above all comprehensive voice on shortwave, so of course they can do quite a job of covering an issue when they set their collective minds to it (no pun intended). But the BBC is in the high country of shortwave journalism; in that rarefied air few other stations can be heard. Below, clogging the valleys like a viscous fog, is the megababble of hundreds upon hundreds of lesser voices.

I cite for your consideration another war, that between Iraq and Iran, surely one of the most barbaric conflicts of our time and one of considerable strategic import. Khomeini has created a remarkable anachronism, a medieval army fighting with twentieth century technology; he fights an undistinguished dictator and opportunist who misjudged both his enemy's strength and his resolve. As these ignorant

armies clash on the darkling plains of the Middle East, it's instructive to note how shortwave radio covers them. I would go so far as to state categorically that the most avid shortwave listener knows from his listening no more, and perhaps less, about this war than could be gathered from any number of readily available sources domestically. It's clear to me that this is a case where shortwave is not living up to its potential.

Let's look at the principals in the conflict in order to get some perspective on this issue. Shortwave radio offers us the chance to go to the source for information in a way that other media cannot, and there are, to be sure, two stations which offer their government's view on the war, Radio Baghdad and Tehran's Voice of the Islamic Republic of Iran. Both stations illustrate the problems of information gathering on any level: almost all information is hearsay, in that it consists of someone else's statements about what's going on. What we know directly through our senses is a very small part of our knowledge. Whole schools of philosophy diverge on this elemental point, a warning that we are getting very close to the beginnings of information theory. It's my belief that we can grade information on a continuum ranging from outright falsehood to evident truth. The statement "Men landed on the moon in 1969" is rendered believable by the context of supporting data that confirms it; to argue against it logically requires some very strange leaps of faith indeed. Similarly, the statement "Iran's holy war against Iraq continues sucessfully on all fronts" is less than believable in the context of conflicting reports from the area, especially if its source is VOIRI, with its history of dubious accuracy.

Is it fair to say that most shortwave stations occupy a position on the more dubious end of this continuum? I think so. Certainly VOIRI and Radio Baghdad do, which renders the usefulness of "going to the source" somewhat questionable.

For more balanced presentations we can turn to such stations as BBC World Service and a few other stations which have established themselves as relatively trustworthy. Each listener has his own list of these; I include RCI, RA, DW, and yes, VOA among others. Here, though, is the question: is there anything particular to shortwave that one can learn by following the news of the Iran-Iraq war by radio as opposed to other information sources? Again, we've got a matter of opinion here, but I'd rank shortwave ahead of television and behind a good newspaper. It bothers me that this should be so, but there you are.

If only there were more BBCs! Alas, the last group of stations is by far the largest in number; it consists of those which comment with obvious bias on issues beyond their own borders. Here you take your pick among propaganda of greater or lesser subtlety, but about the only thing to be learned from a news point of view is what these countries publically have to say about certain events, which is in itself a kind of news. However, it is far from the kind of comprehensive news we could hope for.

My reluctant conclusion is that shortwave news coverage does not render us much wiser than we would be without it, but then this is true of many aspects of the much publicized information explosion. There is a lot of verbiage being bandied about but too little actual information; one questions, then, whether the results of this glut of data will change things all that much. There is a difference between information and knowledge, after all, and an even wider one between knowledge and wisdom. Too much data, especially false data, can lead to nothing more than a kind of information pollution.

Is all, then, lost? Should we pull the plugs on our receivers and give up on good radio? Well, most governments aren't likely to change their broadcasting policies in any drastic way, so news coverage over the shortwave bands will probably stay pretty much the same. What this highlights, though, is that the real virtue of shortwave radio is not in news gathering at all, despite all the emphasis we tend to give that aspect of it. Shortwave broadcasts are at their best when they offer what I would call feature material, programs which are essentially non-political in content and which help us to understand a nation's individual culture. I hold that this is true even in the case of that very interesting sub-genre, the Latin American clandestine, which is of interest in itself and not as a carrier of otherwise inaccessible news.

The best shortwave programming, be it musical or verbal, opens up our understanding of other cultures; we begin to see, if only remotely, something of what

it is like to participate in that culture. Here even a propaganda powerhouse like Radio Prague can offer an occasional gem (or consider Moscow's 'Roundabout the USSR), while the low-power home service stations become treasure troves, offering us every opportunity to be challenged and perhaps to re-evaluate some of our own perceptions. This is not news; it is cultural exchange, and only shortwave can offer it in this form. Here is good radio available right now, and it deserves our support in the form of our listening and our letters of comment.

The 'information explosion' doesn't turn out to be such hot news after all, does it? The fact is that it isn't going to have any benign effects at all unless we pay more attention to the quality of our media. Go back to that earlier example. Dryden and Johnson had Homer and Virgil, Chaucer and Spenser. Today's college freshman has access to all of these, as well as to Browning, Yeats, and several hundred years of continued literary tradition. Who's the wiser? The sad state of our educational institutions is persuasive evidence that it's not how much you have to teach that counts but how well you teach it. Make that Dryden and Johnson in a walk.

It would be a shame if all those technological breakthroughs went for naught, wouldn't it? But the precedent of television tells us that it can happen. Radios, televisions, or computers, the final determinant of quality is the person who does the programming. And that is hardly what I'd call a revolution.

F R A N C E (Robert Horvitz, RI) Last May, Le Monde carried a series of articles about the debate and ultimate adoption of a new law that reorganizes French broadcasting at all levels--local, regional, national, international. Mitterrand and the Socialists had campaigned with this issue--successfully, as almost everyone realized that the existing law had to go. Le Monde's coverage is fascinating but far too lengthy too reproduce here. If you want to read it translated into English, you can buy Worldwide Report: Telecommunications Policy, Research & Development #223 from the National Technical Information Service, US Dept of Commerce, Springfield, VA 22161. The order number is JPRS 81098, $4 on microfiche. On the subject of international broadcasting, the Le Monde translation says:

"Article 53 provides for the creation of a national company responsible for radio broadcasting to foreign countries. It thus sets up Radio-France Internationale (RFI) as an autonomous company of Radio-France, whereas at present it is a simple department of that company. Mr. Fillioud [Minister of Communication] won passage on an amendment to his text whereby the company responsible for broadcasting to foreign countries is a 'subsidiary' of the national program company (Radio-France). It is responsible 'for providing for the conception and programming' of broadcasts aimed at foreign countries, as well as 'for producing radio-broadcast works and documents intended for international distribution within the framework of the obligations defined by contract specifications and in application of conventions made between it and the state.' Article 54 specifies that the capital of this company is entirely public; in effect, the only two stockholders are the state and the national radio-broadcasting company. Finally, the Assembly adopted a special-committee amendment that specifies that the latter holds the majority of the capital."

I find the phrase "autonomous company of" hard to understand, but perhaps the reporter just means a subsidiary.

Regular RIBbers must notice that I pilfer a lot of articles from WWR:TPR&D. If you've ever wondered what that publication is, it's a compilation of translations and reprints issued once a week, more or less (the schedule isn't regular), by the CIA's Joint Publications Research Service. Subscriptions to the paper edition are very expensive--over $200 last time I checked, 2 years ago. Probably more now. Each issue can be bought separately on microfiche from NTIS, but that can get expensive, too. However, JPRS publications are offered to government document depositories at libraries all over the country. If one near you doesn't get WWR:TPR&D already, suggest that they add it to their accession list, so you (and anyone else) can stop in to read it. I mention this all now because a few months ago, WWR:TPR&D started to improve in content quality and increase in size. Don't know if this indicates a new editor or an increase in budget or what. My guess is that there is a classified version of WWR:TPR&D and the public version has up til now just been sustained on the former's leftovers. If this is the case, the editorial policy separating the classified and nonclassified editions may simply have become less protectionist. Now if they could only eliminate the 3-4 month delay in distributing the fiches to depositories...

THIS YOUR FIRST RIB, OR A SAMPLE? It isn't really typical, as most issues have much more program information and reviews, a 'center feature' (tho it may be somewhere else) of a quick-reference listening schedule of some sort; and less of DX Listening Digest, and Equipment Forum. For a better idea of RIB, samplers should feel free to order another one, of the January issue (gh)

DX LISTENING DIGEST

NOTE: Reader reaction to the inclusion of this feature in RIB has been quite favorable. Any who object must speak up quickly. At the moment I plan to keep it in RIB rather than issuing DXLD separately, but to publish RIB more often, perhaps averaging 3-weekly. Subscriptions will still be $15 for 12 issues, but that will amount to less than a year. However, this schedule won't be feasible until 1983, and my previous intention to oftenerize publication has not been fulfilled due to press of other commitments. There has been a suggestion that key letters along left margin may be more trouble than they're worth, so we experiment without them this time. Comments? (gh)

PROPER CREDIT Other publications and broadcasters may use material from DXLD provided due credit is rendered to the original reporter and RIB. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. The most important items have been broadcast immediately on RCI SWL Digest or WRNO World of Radio, not otherwise mentioned herein. All times, dates and days are day/month GMT, u.o.s. All contributions to DXLD are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only and do not mix DXLD items with other correspondence. # There has also been a suggestion that DXLD should be merged with LIP fo' a single alphabetical listing in each issue. What do readers think of this idea, mixing mainly data of DXLD with comment and program info in LIP? (gh)

ALASKA The Anchor Point station [World Christian Broadcasting Corp.] project now has a target date of mid-May 1983; will have to prove that the RF is no problem to environment (Charles Brigg, FCC, RN Media Network 11/11)

ALGERIA Clandestine V. of POLISARIO noted in AR 2200-2300 w/anti-Morocco talks 9533.5 6/11; believed via Algiers (Richard E Wood, Abha, Sa'udi Arabia) LV de la Resistencia Chilena hrd 0000-0030 on 9685 (Reiner Schneider, West Germany, SCDX 12/10) Addr of V of Free Sahara is B.P. 10, El-Mouradia, Alger; xmsn at 2200-2300 via Algiers fqs (Gabriel Iván Barrera, Argentina, Oct LA=DX)Algiers hrd on 9498 at 0630 // 6160; also 14/11 at 2200 (Mitch Sams, AR, 16/11)

ANGOLA Emissor Regional da Cabinda 4970 s/off in PT w/anthem 2304, 30/10 (Wood, Saudi Arabia)

ANTARCTICA R Nac Arcángel San Gabriel, hrd 14/9 0025 on 6028 w/nx, ID, and s/off w/Capivarí march; audible due to absence of Illimani on 6025 (Emilio Pedro Povrzenic, Argentina, LA DX Oct) RNASG, 15476, full-data QSL via RAE English Section, C.C. 555, 1000 Buenos Aires (Gordon Darling, UK, WDXC)

ARGENTINA Until April 29, when ham radio was banned in Argentina, the emergency net headed by LUØ-ASC was blocked by stns on all its fqs, especially 14150, which was operating with "zero" priority for the southern zone. It was subject to all kinds of QRM from 'bad' hams (including Argentines) in the area, who carried out all kinds of out-of-place comments and insults, as well as putting carriers and music on the frequency. Uruguayan and Chilean emergency nets were also QRMed. Despite the ban of LU ham operations, some could still be heard on the air insulting the British or trying to jam G stations. The BBC frequency of 7140 was blocked first by hams, then by intense jamming.

Regarding the location of 'Liberty', some Argentine DXers maintained that it came from the African continent but measurements done in Uruguay with directional antennas indicated that it came from the western part of our continent, and it also seems unlikely that any African station would have been in a position to offer this service. (Daniel Muñoz Faccioli, Montevideo, MadriDX, GECE via ADXL Oct)

AUSTRALIA CBN-FM is presently operating in Hutt River Province in WA (a supposed independent country allowed to continue for tourism purposes), and has been named the official radio station of the Province by Prince Leonard (the ruling monarch). Because of this it is not expected to operate in Sydney until early 1983 (Richard Jary, Australian DX News) R. Australia with different music 0329 30/11 on 21720 than on 21740, 21680 and 21650; standing by for cricket play to resume (gh, St Croix USVI) Specs on ABC-Perth, Wanneroo site: output power of 50 kW unmodulated; ant is two stacked dipoles with a curtain reflector. Azimuth 35o50', beam angle of 60o [width]; 11 db gain. Per our great circle map, 35-50 will hit NY, and side of lobe will illuminate San Francisco, so you can expect a good signal [on 9610]. We also radiate same specs on 15425 2300-0942 (R. G. Bennett, ABC, via Richard A D'Angelo, PA)

LWCA Lowdown had letter from Aussie about hams there having been given 100 W A1A on 196 kHz. Mentioned this to Dave Sumner, ARRL, and he got this reply; much more useful, those restrictions, than the 50' longwire limitation in 160-190 kHz here: (Dave Newkirk, WA) No, Australia has not made 196 kHz available for hams. However, several hams in Victoria have been granted experimental licences for 196 kHz, 100 W CW, with a non-amateur call sign (David Wardlaw, VK3ADW, 21/10 via Sumner & Newkirk)

AUSTRIA Schulungssender des Österreichischen Bundesheeres has now shifted fq from 5030 to 5036, sked Mon-Fri exc holidays, 0930-1400, or possibly 1430 (Christian Zettl & Manfred Schida, Austria, SCDX 12/10) Austrian army stn has new addr: Franz-Josefs Kai 7-9, A-1010 Wien (Gordon Darling, WDXC)

What is going on during ORF's 0130 bc? 9770 EG, 5945 GM 28/9-18/10, and still going on at last check 2/11. Also during 28/9-18/10 period it was easy to tell which nights Austrian Radio had their new antenna operating; seemed to run in pattern of 4 days, then old ant for two. What I think was

new ant had QSA readings of 4 or 5; old ant 0 or 1, quite a difference (Kraig W Krist, VA) I have also noted NAm fqs not //as they are supposed to be, e.g. 1/11 0348 5945 was // 12015, the CAm fq w/nice mx but no Post Box 700. 9770 not audible but I suspect the EG pgm was only on that one. Current sked reaffirms that EG at 0130-0200 & 0330-0400 is supposed to be on 5945 // 9770, whilst the other fq, 11665 in first instance and 9515 in second is in Spanish block. What say, David Hermges, was some patch cord in the wrong place all these weeks without anyone at the station noticing?? D82 sked surprises us with several new EG xmsns, tho none of them affect NAm much. 1830(Sun 1805)-1900 6155 1186(11955 15560. 0130-0200 & 0330-0400 5945 9770. 0430-0500 5945 17745. 0830-0900 6155 15410 17740. Sun 0900-0915 6155 7170 9770. 1030-1100 17870 21490. 1230-1300 6155 9695 9770 21615. 1300-1330 on 9695 only. 1500-1530 6155 11855 12015 15295. Austrian SW Panorama now bc Suns 0900, 1034, 1234, 1304, 1504, 1806, Mon 0434 (gh)

BAHAMAS On 1540 kHz in at 2342-2405 27/10 w/Coke & Bud ads, employment report, apparently live coverage of women's convention at 2400; nice sig, first time here (Gerry Bishop, Christiana PA)

BELGIUM BRT has moved from 9870 to 9880 for NAm 2300-0115 to avoid Greece 9865 (Jim Conrad, IA, 3/12) RTBF in the clear on 17675 *1800 FR (William Dang, Calgary, Alta 24/11)

BOLIVIA R Illimani, 4945 & 6025 has begun xmsns in GM & EG: EG first hrd 26/8 0110-0130, cultural info, folk mx, history, saying next pgm would deal w/Bolivian stns. GM was 28/8 0110-0135 calling itself 'Bolivia al Día'. Note that stn is not on 6025 regularly at night. The meaning of 'Potosí', the town where R. Indoamérica, 6175 is located: from the Quechua 'ppuntunsi', which means "to germinate' or 'to spring from". At 4070 m altitude, its climate is cold; a national monument due to its colonial baroque architecture (Emilio Pedro Povrženic, LADX) R Machupo, 5450 reactivated, first hrd 21/9 2320 then fairly regular; *2315 usually tho probably nom 2300; s/off time unk, varies on length of final pgm "Congratulaciones Musicales", 0245/0340 (Tony Jones, FT, via WDXC Contact Nov)

BOTSWANA R Botswana, Gabarone, moved 10 kW outlet from 9590 to 9600 to avoid QRM w/R RSA 250 kW on 9585; irregularly hrd in WEu weekends, when sked 0630-1415 (A J Beirens, Belgium, WCDX 9/11) BBC Ascension is also on 9600 0400-0700 (gh) RB on 4848 instead of 4845 *0400 2/11 w/choral hymns; temporary switch, xmtr fault? (Cedric Marshall, DX Ontario)

BRAZIL R Nacional de Tabatinga, 4815, *1000-1030 15/10, also w/steady carrier before s/on. At 1001 a beautiful bossa nova suddenly appears, sung by a man. After a few bars, ancr gives stn ID & fqs, & "Emissora RadioBrás". 1004 joins natl net of weekly mx pgm // 4765 stn. Tabatinga isn't very audible here normally, but Colombia's Guatapurí has been signing on an hour later, due to time change? I had been trying to catch a decent Tabatinga ID for more than a year; I fear Brazil time may change soon so they interfere again (Charles Bolland, FL) Am not aware of any time change in Colombia; DST is ever more pointless in the tropics than it is elsewhere (gh) On 4776, probably A Voz do Oeste, 20/10 0920-0935 PT lang barely audible; ID based on fq usage and location of gray line: the other Braz on fq already in broad daylight--R Cult de Sergipe, unlike Oeste, still pre-sunrise (Bolland, FL) R Clube, Marília, 3235, 15/11 w/rustic vocals in QRN; ID 0027 w/fqs, "Emissoras da Rádio Clube, Marília, São Paulo, Brasil". Turned on rx at 0155 13/11, set to 2490 where I had hrd marine tfc night before. Surprised to hear two Braz fighting for channel; 0200 one had slow & deliberate "Coari, Amazonas, Brazil" ID; other one was underneath talking, then anthem & off. Coari continued w/PT rap song, another ID but this time "R Rural Educação de Coari", then fqs, "boa noite", instl anthem and off. WRTH NL says Oito de Setembro also here (Jay Novello, Endwell NY) R Cultura do Pará, Belém, 5045, full ID 00 30 10/11 as "Estúdios em Belém da Rádio Cultura do Pará" (Richard E Wood, Sa'udi Arabia) Those who like Guarani mx but can't hear Paraguayan SW stns well should note that R. Dif de Aquidauana, Mato Grosso do Sul, offers good reception during vy nice Guarani mx pgm at 0900 on 4795 (Emilio Pedro Povrženic, Argentina, LADX Oct)

BURMA Tent, 5985 25/10 f/in 1109-1130 f/out, anmts by woman in presumed BM w/vocals, pop & folk; short window, seems // 5040 but too weak to be sure. 14/11 5985 1128-1145 same definitely // 5040, F till covered by Tashkent carrier (Chris Lobdell, Stoneham MA) When revisited Kawthoolei this August, Karens were preparing for re-opening xmsn of R Kawthoolei. Stn is located within liberated zone of KNU near Thai border. Had impression to be back soon, probably on Karen New Year (late Dec or early Jan) or Karen's National Day, 11/2 (Hiroshi Kato, Tokyo, 15/11 via DX Front Line) Altho he had never seen the stn, Kato points out that it is not mobile, as no vehicles can move in dense jungle where KNU camps are located. Kato said he saw many antennas in the camp where Karens were busy deciphering Burmese Army's secret messages (Isao Ugusa, Japan, DXFL editor) Former VOK fq was 4880; try c 1200

CAMEROON R Cameroon recently on 9745, bad het from off-fq Baghdad 9744.1; FR pgm, EG nx 2100, sometimes at 2200 (William Dang, Alta, 24/11) Fooling around on trop bands, hrd tail end at 2100 of R Cam EG nx, good. Then they switched over to FR (James E McDonald Jr, Ardmore PA, 22/11)

CANADA I've noticed that CJBC-860, the CBC French net stn in Toronto, carries New York Philharmonic concerts Sat eves in progress at 0200 [GMT Sun], probably started after 0100. One can listen at least until 0230 to some rare cl mx on MW, probably on CBF-690 & other R-Canada outlets too. I chanced to hear an item on RCI nx 17/11 about the Federal Cultural Policy Review Committee, a.k.a. the Appel-

baum-Hébert Committee, which has recommended that RCI immediately expand to serve Asia and the Pacific, as Richard Inwood reported from Ottawa. This was among 100 other suggestions regarding government participation in cultural activities. Unknown just what axion the govt will take (gh) RCI sked predicts that for M83, from 6/3, RCI will have six xmtrs on the 2130-2200 xmsn instead of five, addl fq being 21695. Wonder where they'll get the xmtr? (gh) 12/11 at 0400 I noted both RCI and TWR Bonaire on 9755; stns should be advised of the situation (John [illegible]) CFVP Calgary, 6030 in at 0836 23/10 w/CFCN IDs, other ments of Calgary; fair sig but all alone on fq; I haven't hrd this since I left MT 6 yrs ago. CKFX, 6080, Vancouver, in at 0810 23/10, C&W mx, CKWX ID at 0822. Poor w/fading, but what does one expect for 10 watts? (Gerry Bishop, PA)

CANARY ISLANDS REE Centro Emisor del Atlántico noted off-fq, 15364, ID at 2200* 14/11, hetting WYFR 15365 (Richrd E Wood, SA) Tenerife sked only on 15365 260° NSAm/CAm 2200-0230 (Sun 1400-2245, 23-0330)

CAPE VERDE Voz de São Vicente sent a QSL card for 1/9 reception on 7155. No data on verie side, only "Sim, confirmamos o seu relato de escuta. Totalmente correcto." Other side lists 50 W FM xmtr on 96 MHz, 1 kW on 3960 SW. It also shows: "Em montagem: Contel - SW - 10 kW". No pgm sked sent. I'm puzzled by ref to 3960, printing error? Date on stn shield reads "9-12-974" (Gerry Bishop, PA) I believe 3960 was a CV fq some years ago, but now reported on 3930, which is out of band. Last quote says 10 kW SW xmtr being installed (gh) Hrd again 23/11 0815-0840+ on 7155. Long adstring 0820-0828, à la Latins, short mx burst, talk, jingles. Many ments of Práia and Cabo Verde but no stn ID. G=F sig w/BBC splash from 7150, no QRM from Monaco 7160 this nite (Bishop) Same card rxd here; the 7155 kHz fq may be the new 10 kW SW xmtr (Sholom Gliksman, Chicago IL)

CHINA Using facilities of NHK foreign bc monitoring post in Japan, Hideharu Torii has determined locations of two unofficial stns in Asian area. R Sparks would seem to be operating from a ship in the East China Sea, while R 8-1 is apparently in the eastern coastal region of the Soviet Union, probably in Vladivostok. Both stns bc in Chinese for China. R Sparks began ops at the time of the Cultural Revolution, and also calls self "V of the Liberation Army" or "Proletarian Battle Division". R. Sparks is on air irregularly several times daily between 0900-1130 using either 7170, 7285 or 7525. Each xmsn lasts around 10 mins. Radio 8=1 began bc Mar 79 during Sino-Viet war. xmts pgms irreg 10x+ ea lasting about 5 mins, between 1200/1530 on 12120 (JDX News Sheet, JADX via SCDX 16/11)

Beijing uses 17700 17533 17450 15600 0100-0156 in CH to Ams; 17700 17450 apparently to SAm, as echoey & distant, other two more direct; this hour Cantonese. 17650 still used by RB for SP to Ams; still best sig I've ever hrd from China, so likely 500 kW. Also since xmtr often remains flutterless even when other RB 15/17 MHz channels grow rumbly, it's likely in a southern site. Don't know about East Coast, but if they were to put EG on this they could throw all the other outlets away (David Newkirk, Seattle WA, 7/11) RB still giving past season's fqs to NAm when checked earlier this week; annoying. On domestic front, 1430 period 14/11 ZRGD Pgm I noted 9080 9064 7935 7516 7504 7440 7335 7095 6750 6665 6225 5320 4905 4460 3660 3220; highest ch for winter is that 9080 slot, I guess, for others were checked thru 11 MHz and found silent, even my favorite 10245 OOB. ZRGD Pgm II noted 1513-1556* 14/11 9020 8320 7770 6890 5880 5163 5075 4250; 8007 & 7190 may have been on, but weakness and/or cochannels nixed ascertaining parallelism. Surprise is 5880, which in past has been Pgm I fq, and especially since it rivals in strength all Pgm I outlets below 9 MHz -- curiously, Pgm II is generally weaker than I outlets thruout spectrum otherwise and always has been, for me (Newkirk, 18/11)

CPBS I 5860 // 6260 15/11 extremely high-level EG lesson, a talk and exercises on the legal niceties of perjury. Bill Sparks might have liked it, but I wonder who else, in China or elsewhere, would have understood it. 0000-0020 (Richard E Wood, Saudi Arabia, 21/11)

COLOMBIA unID on 6135 0901-0904*, OC to HJ orch NA at 0901, then pulled plug at 0904! (CANAVDX group DX session at Canaveral Natl Seashore FL, 14/11, via El Cazador, DX S Florida) Probably stn realized they were on wrongfq (gh) R Bucaramanga, 4845, 6/11 F 0143-0201, love songs to 0155 EG ID, 10 kW power, then SP ID (Chuck Bolland, FL) R Cinco, 5040, 25/11 0413-0435, SP, fqt IDs, CARACOL plugs; mostly nondescript SP pops except cute version of Jingle Bells, "Bella Navidad"; G level, no sign of Maturín (Chris Lobdell, NJ) R Surcolombiana, 5010, 28/8 0205 w/coverage of World Basketball Championship, Australia vs USA; had not been hrd since July 1980 (Emilio Pedro Povrženic, LADX)

CRETE In Greece there are two private stns on 1602, and in Crete one on 1614; no private stns are now allowed, but nothing has been said about closing these three down. 1614 is Radiofonikós Stathmós Anatolikis Kritis, in Ierapetra, eastern Crete, 0450-2000 and relays all ERT-2 (formerly YENED) nx and plays recordings of YENED pgms (Greek DX Club Summary Journal via SCDX 12/10)

CUBA RHC in EG at 0227 on 15300 13/11 (Wm O Dickerman, PA) Replaces 11725, // 11930, QRMs Dubai (gh) RHC in SP 7/11 1255 on 17478.8 //17705 (gh) And at 2257 29/11 on 17520.0 in SP (gh, USVI) RHC on 4880 at 2350 11/11, calypso & marimba mx, ID, IS. Unseems rx-generated (Evelyn Hampton, IL, DX-Chicago) On 9470 at 0440 16/10, R Moscow & R Havana mixing // 9600 & 9525, not rx fluke (Mitch Sams, AR, OMDC) 75 kHz separation mixing product (gh) RMWS relay sked seems to have changed, 11840 noted on already at 1206 28/11. Pozner talk at 0338 30/11 on 12230, big carrier, het, lo distorted modulation, 2 x 6115 where not audible in mess (gh, USVI) Clandestine La Voz del CID back on 5106, 20/11 0033 ID, al-

so 21/11. Seems weaker than before FCC bust of the stn using this channel. Lower powered xmtr? Or Caribbean island QTH? (Gerry Bishop, PA) LV del CID, 5106, 16/11 excellent at 0157-0203, anti-Castro talk. 0200 Chimes, full ID, 2001 Space Odyssey theme. Not as strong before but excellent suggesting they are back in south Florida (Charles Bolland, Lakeworth) R Ignacio Agramonte, one of the busted emisoras of the CID net, has returned, hrd 16/11 on usual 5106 at 0206-0339*. Powerhouse signal level'd again indicate á Dade/Broward location. New xmtr site? Even so, would CID risk getting busted again by FCC just 2 months after they were nailed in Ft Lauderdale & Miami using 5106 and 7355, or has the Comandante of CID, Húber Matos, struck a deal with US authorities? Aside from this speculation, CID continues to be a very slick anti-Castro operation. Some details from the broadcast: 0211 "El Sol de Tito" with satirical comedian Tito Hernández. 0336 "Música Libre para la juventud cubana". 0316 "Comentario". 0325 "Se Llama José Martí". 0329 "Trinchera de Ideas". IDs for R. Ignacio Agramonte at 0314 & 0320. 7355 unhrd this night. 7412 vy irregular and also unhrd this night. This now suffers not only from VOA 7400 overloading, but also from Kol Yisrael on 7410. Relay on 11700 via R Clarín has been reported at various times 1900-0200v (Steve Reinstein, DX South Florida)

Alpha 66: The Miami City Commission (in its infinite wisdom) has voted 4-0 to donate $10,000 in city funds to the anti-Castro Alpha 66 organization! The money will supposedly be used in renovating a battered building a few doors down from A66 HQ. The bldg houses some 40 or 50 'Marielitos' who might otherwise end up in the Dade County Stockade. Sec Gen Andrés Nazario Sargén says that the money will not be used to carry out subversive acts against the castristas. Perhaps Nazario might be persuaded to use some of the $ to get back on the air with LV de Alpha 66; I for one really miss their nightly tirades! Junta Patriótica Cubana: 7082 R. Mambí/La Voz de la JPC verified by full-data prepared card in 60 days from Capitán A. S. Álvarez, Box 970155, Miami FL 33177, for a Jan 82 reception. Now if only Nazario would answer! (Steve Reinstein, DX South Florida, 10/11)

On 7001 at 2215 12/11, possibly US pirate. "Don't You Want Me Baby" song played over and over; distorted badly, sounded like a Havana ID signal, more mx and no talk (Mitch Sams, AR, OMDC) LV de Cuba, seemingly a pirate rather than a political cland, hrd 12/11 2140-2242* on 7000. Decent sig, some overmodulation. New wave rock w/Blondie, Bow Wow Wow, Human League, etc., Into Andean flutes at 2156. ID 2205 amid "Guantanamera" as "Ésta es La Voz de Cuba" by man. Then woman mentioned human rights; at 2239 into "Gosudarstveny Gimn Sovietskovo Soyuza" to 2242*--that's the USSR national anthem, comrades (Steve Reinstein, DX South Florida) 11)

CYPRUS Nicosia in Greek, Fri/Sat/Sun 2210-2245 now via BBC relay on 7180 6155 (W. Büschel, GFR, 20/

CZECHOSLOVAKIA Undated but recent EG sked from R Prague: BI & Eu 1630-1657, 1900-1927, 2000-2027 on 5930 7345; 2130-2200 6055 1287. NAm 0100-0157 & 0300-0357 5930 7345 9540 9740 11990 9630 11970. Af & As 1530-1625 6055 7345 9605 11990 15110 17705 17840 21505. 1730-1825 5930 7345 9605 11990 17840 21505 11855 17815. S.& E As, Pac 0730-0800 & 0830-0900 11855 17840 21705. Sat & Sun 0830-0930 on same. 1430-1457 7345 11990 15110 17705 17840 21505 (via George Munz & James E McDonald)

DOMINICAN REPUBLIC R Santiago, 6120, 31/10 2219-2253: good at t/in w/lively mx, IDs, TCs; name of pgm seemed "Fiesta en Santiago". Readable w/het on hi side, but covered by [BBC Sackville] carrier at 2253 (Chris Lobdell, Stoneham MA)

ECUADOR HCJB's EG segment at 1730-1800 is off, no xmsn at this time despite printed sked, per anmt on stn and my own obs (Wolfgang Büschel, GFR, 20/11) Different sked I have, on orange paper confirms this, in fact nothing sked 1530-1800 except SP on 17890 15160, wonder why? (gh) In the USVI, HCJB capable of overloading the 25mb on the European beam; and 100-watt 26020 a powerhouse 23/11 0040, still at 0153 and 0342 checks (gh) 23/11 on 11810 at 0156, FR DX pgm from HCJB but tape kept snagging until automatic(?) f/out at 0159 for EG ID by Stubbe for FR NAm svc // 15295 (gh, USVI) For D82, HCJB sked on new 9515 for RS, RM, CZ 0230-0600 (ADXN) If so, joins the crowd of BBC & ORF on fq (gh) R Nacional del Ecuador produces excellent pgm of Ec mx, "La Hora Nacional", carried by all Ec stns Sats 1700-1800 incl HCJB 17890 (Radio y Comunicación Diexismo, Carlos Lerner, Argentina, SCDX 5/10) R Pastaza, 3315, finally hrd 25/11 0320, nice mtn mx, promos, ID w/HCRP 0354, then 2 anthems, 2nd of which is NA, to 0359*; F sig but ute QRM (Gerry Bishop, PA) On 3316 but better reception by tuning to 3317, 28/11 at 0339-0350 mx, IDs (Chuck Bolland, FL) R Costa Azul, 4950, 19/10 0340-0355 IDs, slow LAm ballads; beware of A Voz de Verdade cland tentatively noted 5/11 0340 [on 4950 too] (W J Parks, FL, DXSF) Good nighttime reception from LV del Napo, 11/11 0150 on 3279.8; M vocal, orch sweep, ID as xmitting from Tena, capital de la provincia (Jay Novello, Endwell NY) R Nacional Progreso, 5063, QSL letter says reason stn is off fq is that they need a new xtal not obtainable in Ec; SS DXer should write V/s Noe E Cuenca Armijos to find out xmtr type so we can help them get a new xtal (Sholom Gliksman, Chicago) A nice gesture, but DX listeners may be better off having them off-fq (gh)

EL SALVADOR R Venceremos obs 26/10 0035-0126* using 3 fqs--7100, 6850v, 6692. Same pgm on all but not in sync. 6850 unusually strong, G audio, but jammer QRM & varied 6827=6868 to avoid mx & noise. Finally settled on 6850 near s/off. 7100 & 6692 a bit weaker and had tinny audio but no jammers. On 10/11, one must possess a quick hand at the dials to keep track of RV, implementing radical evasive actions to avoid jamming. 0045-0122* one xmtr wildly changing fq: 6913 6950 6805 6856 6794 6834 6795 6792 6715 6860 6826 6882*. 2nd xmtr, in // jumped back & forth from 6724 6720 6715. A third bc appear-

ed at 0055 on 6790, not // the other two. Not sure if this related to RV or the jammers; woman talking abt ES. Off at 0102 w/no ID. Very confusing. Difficult to tell which xmtr was which at times. Having 3 rx really helps! (Steve Reinstein, FL, DXSF) While searching for R América on 6728 26/11, I hrd R Venceremos on 6723 w/decent sig; s/off 0358 very quickly. mx jammer on 6726 as usual--ad nauseam. It finally went off the air at 0402. (Chuck Kristan, PA) R Farabundo Martí ricocheting across 40m on 23/10 to avoid "Caron" 0107+ jammers. Varied fq nearly every minute, 6997-7040, and a couple times landed right on R Pakistan Hindi svc 7020 (another xmtr that can't stay still!) For some reason the jammers pursue this stn w/far more vigor than R Venceremos. Fortunately for us DXers, the jamming is quite inept, thus enabling us fanáticos clandestinos to absorb pgm content! (Reinstein, DXSF)

ETHIOPIA V of Namibia via VORE, 12/11 1945-2000 on 9595 in EG mixing w/RFE. Af tribal mx, political talks dealing entirely w/Namibia. Patriotic anthem 1958 w/people yelling & chanting in background. "Tune in tomorrow on 31 m, 9595 kHz at 1900 GMT..." Not sure if s/off or f/out to RFE. R Freedom was here in this time slot last year w/VON 1900-1930 (Mitch Sams, AR, Ozark Mt DX Club DX Log)

FALKLAND ISLANDS A clandestine operated from the islands being fought over, calling itself "La Voz de las Malvinas Libres" or "...de la Libertad en Malvinas", or even "LV de América Libre", regularly daily at 0100 on 14160 USB until silenced by the argie army 2/6; in SP. Also audible in SP on 11565 was the former utility VPC, at 2100 w/tfc. The first ham xmsn for Soledad island must have been VP8-AOE, John, near Port Darwin, which had been reoccupied by liberating troops, 30/5 during height of hostilities; I worked him at 1814 on 21 MHz USB. The Argentine QRT was lifted 5/6 at 1730, at which time appeared LW-X stns from the Malvinas in Puerto Argentino (Daniel Muñoz Faccioli, Uruguay, GEØE MadriDX via ADXL) Carlos Bazán, Argentina, indicates that FIBS, Port Stanley is now on an additional outlet to 2370--3958, hrd // 2370 and 96.5 MHz, at 0000-0230 w/very excellent sigs (R Australia Japanese DX Time 31/10) 25/10 0045-0115 on 2370 some solid audio, Brit accent but no ID; real trouble w/ ship-to-shore ute on 2366, and weak sig on 2370. Pgm was not // BBCWS. After that, checked 6 nites out of 7 and got a big NADA on 2370. 21/11 0014, light mx, studio DJ says in EG "Here in Stanley"; 19/11 0000 included ID at hour, then mix of pop, C&W slex, to f/out at 0035. Now hearing again and again, and losing its novelty. 25-27-29/11 0015-0100+ if prop holds; so much for local 10 pm (0100) s/off. Usually w/light pop & C&W mx format. Are DXers who claim to hear the Falklands telling fibs? (Gerry Bishop, PA) FIBS, 2370 19/11 0018-0130, rock & folk mx; weak, weak ID 0030 along w/jingle of some sort, then radio drama to f/out just after 0100; listened until 0130 but sig had disappeared; poor to nil (Chuck Bolland, FL) 25/11 0030-0121 fade on 2370; t/in w/rock mx, "25 Years of Rock" series [recently ran on BBCWS and currently on CBC -gh]; 0050 mentioned Stanley when inviting requests, 0051 live ID as Falklands Broadcasting Station and time check as 10 minutes to 10; signal peaked around 0052, into apparent radio-drama 0100 to fade at 0121 (Chris Lobdell, NJ) 28/11 tentative on 2370 0118-0129 t/in w/BBC opera mx pgm, steady sig, no fade, seemed //6175 but before I could check, 2370 went off in mid-song; makes me wonder if this was for real (Mitch Sams, Farmington AR)

FINLAND R Finland D82 EG: Eu 0800-0925 Sun 15265; 0930-0955 15265 11755 6120; 1930-1955 11715 9540 2030-2040 NEu 963 558 254; 2200-2225 NEu 963. FE/As/Au 0800-0925 Sun, 0930-0955 21465 (except every second Monday beginning week 46 due to maintenance). ME 1200-1225 & 1300-1325 Mon-Sat 21475 15400. 1400-1425 Mon-Sat 15400; 1330-1525 Sun & 1500-1525 Mon-Sat 21475 15400 (but 21475 silent 1200-1425 every 2nd Monday...etc.). NAm identical to the ME sked; in fact the beam angle for ME is shown as 305°, which is actually the NAm beam which ME gets off the back. SAm 1400-1425 Mon-Sat on 25950, also to WAf and also missing 2nd Mondays as above. (via Christos Rigas, IL)

FRANCE Employees of France's state-run radio system started an 8½ hour strike at 9 am today to protest what their union says is management's refusal to confer on proposals to reorganize the net. Instead of the usual pgms, stns played recorded mx (Reuter 18/11 via David Alpert, NY) A 24-hour strike by journalists and technicians is seriously affecting France's state-run radio & TV nets. Nx bulletins have been reduced to a minimum on the radio which is otherwise broadcasting continuous pop mx. TV stns are limiting their output to nx and films. The strike is in support of pay and other claims. Commercial radio nets are operating normally (Reuter 25/11 via Alpert) 25/11 at 1209 I was surprised to find the same classical mx on fqs of the east, south and west nets, 21705 21675 21645 21620 21595 (gh, USVI) D82 RFI fq & pgm sked neglects to mention that they have a LAm service 2200-0100 in FR, SP, PT. Perhaps its editor will find out about it by March? (gh, sked via James E McDonald, Jr., PA)

GERMANY EAST RBI D82 EG: ENAm 0015, 0100, 0230 on 9730 11975. WNAm 0330 9560 11840 11890; 0630 on 6080 9560. SEAs xmsns also audible in NAm: 0645 15450 17700 21465 21540. 1215 15450 17880 21465 and 21540. 1330 on same. 1515 on 15450 17880 21465. 45-min xmsns (gh)

GERMANY WEST An international longwave contest of Deutschlandfunk, Cologne and the German DX magazine Weltweit Hören is being held on the occasion of the commissioning of the new 500 kW LW xmtr at Donebach-Odenwald (Baden-Württemberg). Reception reports are appreciated for 155 kHz from 23/10 to 31/12 in four time segments, starting at 0000, 0600, 1200 and 1800 CET. Addr: DLF, LW Contest, P O Box 510640, D-5000 Cologne 51, F. R. of Germany. Each participant will receive a special certificate and will take part in a lottery. First prize is a portable radio Grundig Yacht Boy 650. The most distant participants on all continents will receive special prizes. (Wolfgang Büschel, WWDXC)

Just a reminder that it's the season for W German locals again. 6030 SDR, 6085 BR, 6190 RB, 7265 SWF and--dare I say it? 6005 Berlin [RIAS]. Always best here from s/on until 0830 ± 30 mins, QRM permitting (Gerry Bishop, PA) The two highest listed fqs for DW's 0100 EG to NAm, 11865 and 11785, are not in use since they were to be used from Malta which has been closed down by the authorities. 9735 is listed as 500+100 kW from GFR, but now I suspect they are using only 100 kW (Ralf F Munster, GA, 30/11) DW hrd on 18000 at 2000 21/10; must be spurious (Chuck Oliver, Spring TX) DW is receiving up to 12 kiloletters a month from listeners in Asia (Büschel, WWDXC)

GREECE ERT D82: NAm GK/EG 0000-0150 & 0200-0350 9865 12045 15050. 1200-1250 & 1500-1550 11645 15050 17560. Arabia & Indian Ocean: GK 0400-0450 7095 9865 15050; GK-AR 1400-1450 15050 17560. To Cyprus/Turkey/ME: GK 0600-1000 Sun 9815. GK-TK 0500-0615 7095 9865 15050. GK 1000-1730 9815, 1800-2215 9900. TK 1100-1120 11645 17560. Eu: GK 0600-1000 Sun 9885; 0630-0730 9865 12045; 1000-1730 on 9885; 1800-2215 9885. GK/EG/FR/GM 1900-1950 9420 9865 15050. Azores GK 0800-0850 15050 17560. Au GK-EG 0900-0950 15050 17560. GK 2100-2150 9420 15050 9865, 2200-2250 9420. Japan GK-EG 1000-1050 on 15050 17560. Egypt & Libya AR 1130-1150 11645 17560. CAf GK-FR 1300-1350 15050 17560 11645. Taskenć GK 1400-1450 11645. Balkans in AB/SC/BG/RM 1600-1700 9420 9865 15050, 2000-2050 9420 9865 15050. USSR GK-RS 1715-1750 9865 11645 15050. SAf GK-EG 1800-1850 11645 15050 17560. SAm GK-PT-SP-EG 2200-2350 9865 12045. PCZ GK-SP 2300-2350 9420. 2 of the 3 fqs between 1500 & 1850 on Tuesdays are off. (via Chuck Oliver & Christos Rigas) VOG on new 9420 hrd 7/11 w/Israel QRM at 2000 & 2100; 9420 also used 8/11 for NAm 0000 instead of 9865. R Stn Macedonia hrd 2020-2215* 9885 7/11, weak relaying DS; //9900 not hrd (Christos Rigas, IL) see ISRAEL

GRENADA RFG on 15045 2202-2255 27/11, SIO 343; Good Carib mx, TCs, IDs, obits 2230, then a round of Xmas ads from local retailers; more mx (Richard A D'Angelo, Wyomissing PA) RFG 15045 2155 24/11 w/political talks. Somehow I had thought I would get HCJB 26020 before that, but not so (R E Wood, Saudi)

GUATEMALA From a 24/11 letter from Tulio Haylock, Adventist World Radio, Wash. DC.: TGMUB has changed fq temporarily to 6090. "Right now it is impossible to hear TGMUB while R. Luxembourg is on the air, but I hope that sometime soon we will be able to increase power and antenna efficiency enough to be hrd after R Lux s/off 0200. Right now that is the only fq we have available because our transmitter will not operate on a higher band. [! Oh yeah? This very xmtr puts out strong harmonics! -gh] TGMUB is currently on the air from 0000 to 0400 with EG 0200-0400. I have been checking fq with a Sony 2001 and have only been able to hear it between 500 and 1000 miles from Guatemala City." (via Wm O Dickerman, PA) Sked direct from TGMUB shows EG 0130-0330, SP 2328-0130, on 6090 (Sams, AR, OMDC)

GUYANA After 5-week absence, GBC restored Ch 2 to SW on 5950 18/10. Xmtr was taken off the air because of a lack of spare parts. Listeners in remote areas of the country were unable to hear GBC bcs while the SW xmtr was off the air (Guyana Chronicle via Maurice D Boodram, Guyana, SCDX 16/11)

HONDURAS El Eco de Honduras, 6000, fair 16/11 and since at 1110-1200 in SP w/R Variedades ID, ads for pants, lively vocals, accordion mx (Chris Lobdell, MA) R Juticalpa, 4782, rare evening appearance 9/11 2245 marimba mx, lots of ads, full ID 2300, abrupt s/off 2318; splatter from Carabobo (W. J. Parks, FL, DX South Florida)

INDIA AIR Hyderabad, 4800, has EG nx 0030 (REW, Saudi Arabia) At 1945, AIR stronger on 11620 but less distorted on 9665, hard to choose which better overall (Jim Conrad, IA, 2/11) Commercial svc from AIR Madras uses 9525 0125-0400; Bombay comml 9615 1300-1445. AIR Gauhati 3375 1200-1741. Calcutta 9530 0430-0435 & 0700-1000. Bombay has ES on 15165 0315-0445. AIR Srinagar, Indian Kashmir uses 3277 0100-0255, 1230-1737. Delhi HS 3365 0025-0229 & 1230-1741 (José Jacob, Poona, RA DX 7/11)

INDONESIA RRI Pekanbaru 5886 noted w/relay of Jak nx 2300, G strength; should be possible in ENAm (Richard E Wood, Saudi Arabia)

IRAN VoIRI 15084 has AR nx 2300-2315 including remotes. BSKSA seems to be completely inactive here; 19/11 (REW, Abha, Sa'udi Arabia)

IRAQ R Baghdad noted off fq, 9744.1 instead of 9745 (William Dang, Alta, 24/11) see CAMEROON

ISRAEL Monitoring shows these refinements on IBA fqs whenever checked: Nom 15585 is on 15582.5; nom 11637 is on 11637.5. More importantly, it is my impression that 9420 xmtr is "hybrid" w/reduced LSB & Carrier, functioning primarily on USB. Similarly, nom 12025 actually 12025.6, also reduced carrier but DSB. This last one may be to help escape the call tape on CW of KKN5Ø that per O.P. Ferrell's CFL is "Washington DC Embassy". That fq, listed on IBA sked only for EEu, at least so far is not jammed even when other fqs are. Finally, 9890 at 1800-2310, Reshet Bet, is listed as for NAm & WEu whereas for 0400-0610 it is listed as for EEu. Judging by how weak I receive it during former timespan, I suspect 9890 is beamed only to EEu. This would also make sense in relation to 9890 since it is listed in CFL for CFH, Canadian Forces various uses and so far hrd in RTTY & FAX while CFL also lists CW. (Assuming it makes sense for IBA to use 9890 at all.) KKN5Ø is on 12022.5, so hrd and also per CFL. No IBA on 13745 2230-2300 16 & 17/11; don't know about 2200-2230 FR; but 18/11 unusably faint audible (Ralf Munster, Decatur GA) To avoid Greece, IBA on 9440 ex-9420 at 2000 in EG nx (Arthur T Cushen, NZ, RNMN 2/12)

ITALY IBC, 11584, 24/10 0602-0640+ EG ID mentd Florence; seemed to play a bunch of recorded IDs fm Colombian stns around 0615; weak, f/in/out (Chris Lobdell MA) Cf Nov RIB-17, this is R Time via IBC facilities, apparently. Cushen et al. in NZ took it to be R Tye (gh) Sked of Tele Radio Pace, 15460 with 5 kW is 1700-0600. Addr Via Ragazzi della Pace, 37020 Cerna di Verona (Play-DX, WDXC Contact)

IVORY COAST Planned for 1983? is a 250 kW xmtr on 15230 (Andy Sennitt, PA, RNMN 19/11)

JAMAICA R Jamaica, 720, 28/10 0508 under WGN w/religious pgm, ID 0515; long haul and lots of QRM for 5 kW, but made it in (Gerry Bishop, Christiana PA)

KAMPUCHEA V of Democratic Kampuchea [cland from China] uses new 4130 ex-6995 at 1200; monitored sked in Nov: 2330-0030 8345 9535 11685. 0400-0500 11725. 0900-1000 11870 15115. 1200-1300 4130 11685 15165. Another change is reintroduxion of 11685 at 1200, ex-17745 (Isao Ugusa, DX Front Line 22/11)

KIRIBATI R Kiribati, 16433, fair w/BBC nx 30/10 0602, ID 0609 (Gerry Bishop, PA)

KOREA NORTH Pyongyang HS back on 11350 from 11340; mysterious as no QRM on either channel; 1014 23/10 (Craig Seager, ADXN) HS 27/10 2211-2220 on 6401 6251 11350 6600 all // in KR. Best on 25m & 6401. No sign of other Asians at this time (Gerry Bishop, PA)

LEBANON V of Lebanon, 6550, hrd w/mx box IS 0405 28/10 to "River Kwai" march and anthem, then ID in FR, and FR pgm. WRTH doesn't show mx box IS or FR at 0405. Changes wrought by recent war? Good sig free of QRM (Gerry Bishop, PA) ITALCON, Beirut, IED26 on 19325 kHz at 1530, traffic from our troops in Lebanon with IED21, Centro Interforze, Roma; partly on RTTY. Another possible fq is ?3363. Irish troops of UNIFIL at Harris Base may be the source of traffic in EG on 19710 at 0900 identifying only as "37" and "Ø" (Fabrizio Magrone, Play-DX, Italy, 8/11)

LIBERIA ELBS now *0500 ex-*0528, on 6090 3255 (Andy Sennitt, PA, 19/11 RNMN) Tho often reported as Greenville, the VOA outlet on 15600 is Monrovia, sked US daytimes, but now extended for eve/Af morn xmsn as noted 0331 in EG OAR [offair relay], and at this time mixes with Peking in Chinese (gh, USVI)

LIBYA R Jamahiriyah seems to be missing from 11815 for EG 2230-2400 (gh, early Nov) Hrd 23/11 on new 15230 2250-2345* Has anyone in US rxd skeds, letters etc from Libya? (David Swaringen) But checked a few days later and was back on 11815 (gh) SLPAJBC ancd they would soon have QSLs, so might hold reception reports for a bit (Johnny Denham, Boaz AL, OMDC 15/11) unID: First hrd 1725-1730* 30/10 on 12230 ME stn ending w/anmt and fanfare. Amazed then to catch same stn same day 2110-2200+ same s/off fanfare on 11365. Hrd agn poorly 31/10 but better still 6/11 on 11365, this time tuned at 2225 to 2242*. At first thought 12230 a harmonic but now unseems. Lang unID at first now seems surely AR w/ many ments of Libya and ranting politieal harangues betw indigenous pop mx (David Newkirk, Seattle WA) Is V of Libyan People, anti-Qaddafi cland probably from Sudan, previously reported on 11997 & 11977 (gh) VOLP hrd in EG, 11365 2135-2140 24/11. anti-Khadafi and his role in OAU, "brought to you by VOLP, the National Front for the Salvation of Libya", back to AR; not hrd again in EG after fqt checks (Mitch Sams, AR, & via OMDC) EG maybe one-shot for benefit of OAU conference attendees (gh)

MALAYSIA VOM 15295 VG in AR 1530-1700, ML 1700-1800*; this one should be reported in NAm more often than it is (Richard E Wood, Saudi Arabia) 25/10 at 2158, Sarawak hrd on 4835 5005 5030, each w/NA 2 mins before hour, but afterwards not sure if // , unthink. 4835 best. 4950 covered by ute. Same day Indonesians audible 2100/2135 on 4753 & 4856 (Cedric Marshall, Ont, DX Ontario) On 7060, a cland believed *1200 19/10 & since, varies to 7063. ML anmt "Suara Malaysia...revolusi Malaysia". Half-hour pgms heralded by martial mx, poor mod. Used to be stn operated by a splinter group of the Malay Communist Party, and this could well be that reactivated (Willis, Burrows, McKay, Vic., ADXN)

MAURITIUS MBC Forest Side, 4855.3 27/10 hrd from 1557 t/in w/light mx to 1600, then BBCWS timesig & nx; 1609 YL ID in FR, transcription drama in FR (Mark Warner, UK, WDXC Contact) Try this WCNAm (gh)

MEXICO XEFAJ, R Consentida, 18395 1745-2000 16/11 & 17/11, SP, ranchera mx, ads & IDs, no QRM or accompanying CW hrd during entire bc; strong, clear sig w/nice audio; how can this be unintentional? Sounds too professional to be a fluke, but that must be the answer (Mitch Sams, AR, OMDC) After 576 days and 3 f/ups, rxd QSL letter from XEJN, R Huayacocotla, 2390, for report on 26/4/81 reception. V/s Alfredo Zepeda apologised for delay, explaining that postman's 'burro' sometimes takes a long time to get up and down the mtns! XEJN currently 500 W 1200-1500 & 2100-0100, but "A veces la transmisión se alarga un poco". They have a staff of 4 but receive help from los campesinos. Unfortunately, they have no pennants or printed info available. Addr is Huayacocotla, Veracruz, 92600, Mexico, and not æ per WRTH 82 (Mark Warner, Kent, 22/11) LV de América Latina, 6165, 29/10 good and in the clear 1101-1130; t/in shortly after s/on w/"Un Nuevo Día" pgm, ID, calls, nx, report on California governors race, anmt by López Portillo (Chris Lobdell, MA) Unexpectedly strong sig from R México 30/11 at 0332 on 15430 makes me think it is beamed toward Antilles rather than TN. But mod was weak. Gave ID in German (for their huge audience there at 4:30 am?) and off at 0333 (gh'USVI) Yucatán and Campeche will return Monday to Central time, thanks to pressure from productive sectors of the area to rectify the error made 11 months ago, which causes serious damage to the region's economy. Pres. José López Portillo signed a decree reëstablishing Central time, according to Governor Graciliano Alpuche Pinzón, as a response to petitions from housewives, workers and those who serve tourists. The President admitted that [Eastern time] was his fault and a mistake. (Excélsior, 30/10 via Horacio Hinojosa Arce,

Monterrey) The change effective 2/11; however, Quintana Roo will remain on Eastern (Diario Oficial, 2/11 via Hinojosa) Confirmed by hearing CST TC on Tus Panteras, 6105 around 1200 (gh)

MONACO TWR Monte Carlo, hrd testing on 7160 0730-0800 w/EG anmts, mx (Gerry Bishop, PA, 17/11) In Czech (Slovak Monday only) new 500 kW daily on 6110 1900-1915 (Wolfgang Büschel, GFR, 20/11) For D82, TWR listed w/new 500 kW xmtr: 7205 0425-0440 AR, 0445-0500 Armenian, 0500-0515 TK, 0905-0920 GM Mon-Sat, 1105-1120 GM, 1430-1500 GM, 1500-1515 GM Sat; 11955 1600-1615 TK, 1700-1715 9790 HG, 1715-1730 9790 HG/Croatian (TWR via ADXN)

MONGOLIA Oddities dept. Apparently R Ulan Bator receive many IRCs and have no means of cashing them. And so they use them for anything brought to their attn. A UK DXer, for a joke, sent with a reception report to RUB, a subscription form for "Airsounds/Spectrum" (a UK Free Radio bulletin). The magazine duly received the form filled out by the Director of RUB along with a year's sub of 28 IRCs, and he now receives a copy every month! (Mark Warner, England)

MOZAMBIQUE 3338 1/11 at 0252 w/IS, ID, then NA 0254 to 4 note gong and pgm s/on anmts. Fair sig, QRM from CHU slop that the 2001 allows (Gerry Bishop, PA)

NAMIBIA Planned D82 fqs for R SWAf at Windhoek: xmtr 1: 0358-0630 3270, 0630-1430 7190, 1430-2200 3270, 2200-0358 AN svc 3270 (vernaculars). Xmtr 2: 0300-0615 3295, 0615-1515 6185, 1515-2200 3295 (in EG/AK/GM). Addr for QSLs is P O Box 321, Windhoek, 9000 (Bob Padula, ADXN Nov)

NEPAL KP2A, WB4NFA and WA6YOU will be active from 20/13 to 1/1, signing as 9N38 on 28-30/12, to celebrate the birthday of the King. Will use all bands 10-80 m, CW & SSB. W1GAY will be QSL mgr (Roy L Fansler, K9UE, Association of DX Reporters, Nov) R Nepal 9590 27/10 hrd from 1355 t/in, nx in NP, 1401 local talks, 1407 ID by woman in EG, into religious pgm ending w/prayer 1435. Then introduced ES w/"Good evening, listeners". Local mx, brief talks on Nepal history. 1450 M ancr w/EG nx. Always under OC & seconds after nx started, blocked by co-channel test tones (Mark Warner, UK, WDXC Contact) Also being hrd on 5005 but not 3425 (Mike Barraclough, WDXC ed.)

NETHERLANDS R Gerona, strong at 0800 3/10 on 6225 in DT, FR, EG, GM (Gordon Darling, UK, WDXC Nov) RN D82 EG includes: ENAm 0230 B9590 B6165; WNAm 0530 B9715 B6165. NZ/Au 0730 B9770 B9715, 0830 on B9715. As 1430 M21480 M11740 L17605. Af 2030 B21685 B17695 M15570 M15220 L9715 (Wim van Amstel, RN)

NICARAGUA V of Nicaragua finally started EG segments in SP xmsn on 5955, noted 16/11 0320-0325 (Mitch Sams, AR) For last three nights at 0110-0125, also IDs as "Free voice of America" (Rolf Gunnar, CO, 17/11) Also hrd at 0210, 0310, 0410, 0510 apx, and probably at 0010 too (gh) Also noted at other times of the nite, seems random (Sams, OMDC) Checked several times while in USVI, but could never get any readable signal due to QRM & jamming on fq, RCI no problem; suspect not beamed east (gh)

R Zinica, 6120, 23/10 0430-0508* SP pgm of romantic mx, "En Enamorado", requests, then anthem to 0508*, G (Chris Lobdell, MA) Started as a het on BBC 6120 25/10 0130, light LAm mx after BBC 0430*; clear ID 0451, not there at 0520 recheck; fair sig; looking for Comercial, Dom. Rep. but no luck (Bishop, PA)

R Quince de Septiembre [cland] unfortunately for DXers is now helpless at the hands of commie jammers, noted 2230+ on 7000 & 5565, but hardly a word gets thru the wide-band buzz saws. A pitiful situation. R 15 has apparently given up the idea of changing fqs in mid-bc, and instead is content to stay put, and inaudible (Steve Reinstein, DX S Florida 10/11)

LV de Sandino, 6210 2/11 down from 6227 1123-1130+, usual rhetoric from Pastora and his FRS "contras". Hardline stand against the Ejército Popular Sandinista (Reinstein, FL, DXSF) 6207 7/11 1140-1147* unjammed rev speech by EPG, then on to NA, G (Robert Wilkner, DXSF) 6230, 1/11 0004-0008 full ID, speeches, poor. 30/11 on 6226 0101-0146, long winded speaker on Nic rev, gringos; after 45 mins of this I decided to pull the plug (Charles Bolland, FL) Strong around 0400 on 6227 (Chuck Kristan, Delmont PA, 30/11)

NIGERIA Per QSL letter ex-Borno Radio Corp, 6100 full addr not in WRTH 82 is PMB 1020, Maiduguri, Borno State. V/s was E. O. Ayuya for Chief Technical Officer (Mark Warner, UK, 22/11) Hrd w/pop mx pgm, R Borno 0455 on 6100, then nx in EG u/weak open carrier. 17/10 0505 on 5965, Plateau BCing Corp in Jos dominant over Moscow, mx to 0515 adstring, lost at 0530 due to 5960 splash. R Sokoto, 6195, 31/10 from t/in 0512, gospel songs, 0520 tribal mx, lost around 0545 as BBC f/up (Mark Warner, UK, WDXC Contact) Plateau BC, Jos, letterhead indicates addr as P.M.B. 2043, differing from WRTVH. V/s F.O.N. Dike (W J Parks, FL, DXFL)

NORWAY R Norway introed new form of ID between ISs. M ancr says "Detter er Norge. This is Radio Norway International" between each musical IS; thus first noted 12/11 1155-1200 on 25615 25730 (REW, SA) 7/11 at 1259 hrd 25730 25615 also announcing 6015 & 9590 and surprisingly also audible on 9590 (gh)

PAKISTAN WS 1645-1915 incl EG 1645-1745 on 11669 & 15545. TK 1630-1730 on 13605 17642 [incl EG nx 1650] Islamabad on 15665 *1215-1315* 3/11 // 21485; replacing usual 15565, perhaps xmtr fault (Craig Seager, ADXN) R Pak good at 1059 on 21802 as ancd, slow nx. I always enjoy the much improved SAs reception I get when visiting the Caribbean compared to ENAm (gh, USVI, 24/11) R Pak Baluchi nx 1450-1500 19/11 on 7076.5 (REW, Saudi Arabia) PBC Hindi svc 0113, 0125 clear EG ID 29/10 on 6939; they drifted and broke xmsn 0118; fqs were 6932 6939 and 6937 (Robert Wilkner, FL, DX South Florida)

PAPUA NEW GUINEA R Enga, Wabag, F-P on 2410 w/DJ pgm 0853 23/10, 0901 ID as NBC R Enga, test? (Yasuyuki Masuda, Japan, ADXN) Milne Bay, 6040 0600-0602* w/Bible. 6140 Sepik 0620-0630*, moving to 3335 (Arthur Cushen, RNMN 4/11) Enga 1494 & 2410 to 1300* (Cushen, RNMN 2/12)

PARAGUAY R Guairá, 5976v, SP and Guaraní? 13/10 1010 M w/relig pgm, into Pgn mx, fqt IDs, TCs; got a partial formal ID 1026 as "ZPA6, Villarrica" G at t/in but strong het KO'd sig at 1030 (Parks, DXSF)

PERU New stn hrd 15/9 only on 5050, R Cangallo or something like that, from Ayacucho dept. Not R. Huancayo. At 0240, ancr apologizing for poor xmsn quality and xmtr breaks, then blocked by strong het. Huaynos w/ID every 3 mins (Emilio Pedro Povrženic, Argentina, ADXL Oct) Esmeralda R, Huanta is still on 3800 despite foreign bulletins' reports of 3285 ex-5050: 22/9 0225 mx pgm of "Felicitaciones Musicales" (Ibid.) R Los Andes, 3721, 16/11 0954-1008 w/SP mx, occl TC & ID, Poor. R. Andina, 4997, 24/10 *0952-1010, NA, s/on, mx. Then pgms from natl net, 1007 mentd stns carrying pgm incl R Andina. So possibly on Sundays R Andina carries net pgms only in morn; fair. R. Selva was the canned ID at 1019 19/10 from 4825 stn during continuous mx pgm w/time checks (Chuck Bolland, Lakeworth FL)

POLAND R Polonia is another stn with better sigs into Caribbean than NAm; 26/11 0242 6135 was actually audible giving EG sked, at about equal level with Switzerland. Another time, 2230 perhaps, coming thru nicely on 6095 (gh, USVI) A talk for DXers is bc in all pgms every 2nd and 4th Wednesday (Mike Barraclough, WDXC Contact) At least in Eu svc, see Nov RIB for sked (gh) Hope it wasn't my doing but along w/QSLs for Polski Radio, Warsaw sent a letter saying tho they'd QSL this time, in future they'd be refusing to confirm any reception reports on HS pgms because they were only interested in letters about the R Polonia ES (Shaun Geraghty, Staffs, UK, WDXC Contact)

PORTUGAL For those who have the D82 NHK sked, note that the 0700 RTE relay was never on 15270; it's actually on 15430. R Portugal D82 EG: 0300-0330 NAm 6025 11925, 0530-0600 NAm 6075 9575. India/ME 1600-1630 Mon-Sat 15105. Af 1700-1730 Sun 17880. Af 1800-1830 Mon-Sat 17880, Mon-Fri 15250. Eu 2030-2100 6025 9740 11775 (R Portugal via ADXN)

SAIPAN MARCOM pres says KYOI is 85% ready; tone tests expected this Sunday or Monday; regular pgms to start 0100 12/12 on sked: 9670 1500-2200, 15415 2200-0100, 15190 0100-0700, 11900 0700-1500 (RNMN 2/12)

SÃO TOMÉ & PRÍNCIPE Andy Sennitt has received a letter from Antônia Sebastiana at R Nacional in which she states that São Tomé and the stn itself are very poor. The stn therefore requires 2 or 3IRCs and an airmail envelope for return postage. Stamps, postcards or other souvenirs would also be welcome. Operates on 759, 944 and 4807 (DSWCI via RA DX 28/11)

SA'UDI ARABIA BSKSA EG not on at 1815, but at 1830 found nx on 11850 5/11 (Steven Lare, MI) I still have not figured out s/on/off times of BSKSA. On 11850 I've been hearing R Moscow to 1830, then BSKSA f/in. But 12/11 BSKSA back on 11855 at 1840. Still checking (Lare) Jiddah EG 1100(Thu/Fri 1000)-1250 is now back on 11855 ex-11850. A 26-part life of Noël Coward is hrd Fris at 1100 (REW/SA, 12/11) Pleased to hear the mystery 2350 kHz outlet [certainly not UAE 2 x 1175 as reported somewhere], while using 500' beach ant aimed apx at SA from the N coast of St Thomas, 26/11 2242 t/in AR mx, 2246 definite Saudi ID; BFO helped; apparently gone by 2300 recheck. SA superpower MWs such as 1521 kHz were also regulars even before sunset but this was only occasion 2350 was hrd (gh, USVI) REW should be cleaning up on the Caribbean MW stns around the same time... (gh)

SEYCHELLES FEBA G 14/11 on 15200 0410-0426, relig talk after nx; mx. 0420 Christian News Report on reformation in LAm, Ireland developments, church difficulties in Af (Richard A D'Angelo, PA)

SINGAPORE On Reuter's 2/8 report which stated as Singaporean Govt sources saying setting up of new Khmer lang radio svc as part of pgm to support Coalition Govt of Democratic Kampuchea which would start from Sept, Singaporean Foreign Ministry spokesman denied this 3/8 (SEAs Monthly Aug, DXFL)

SBC SW xmsn and power original typed list dated 17/3/82: 5010 EG 10 kW dipole to W Malaysia. 5052 EG 50 collinear WMal. 6000 CH 50 collinear WMal. 6155 ML 50 rotatable log Indonesia. 7170 Indian 10 kW collinear WMal. 7250 ML 50 collinear WMal. 9635 CH 50 monopole SEAs. 11940 EG 50 fixed log EMal. No pgms beamed to Eu; at times listeners may be able to receive us in Eu or USA but the signal will be generally weak (via M L Penilla, Newbury Park CA)

SOUTH AFRICA Capital R, Transkei hrd at 0504 on 3927 (Richard McVicar, DX Ontario) DX pgm host Ronald Todman since 10/9 has turned over his post to Sergio Bastos Yofre, since he will be continuing his work at the VOA (Vincente Bombardiere, Argentina, ADXL) R South Africa [sic] has moved from 17780 to 17775 for EG 0625, QRMing Dubai (Arthur Cushen, NZ, RNMN 2/12)

SPAIN SFR EG to Eu/Af/ME audible here at 2000 on 15375 and 9765; repeated at 2100 on 15375 15190. Despite this, skeds issued by SFR dated as late as 15/11 show both of these one hour earlier, which was presumably the sked while Britain on DST: 1900-2000 9765 11840, 2000-2100 15190 15375, with 1519(not being used on Sun. An hour of FR theoretically follows each EG bc on same fqs (gh, skeds via Andre Iwasiwka, NY NY) New OOB fq is 15535, Programa Mundial en Español 1900-2300 Mon-Sat, 1930-2245 on Sun at 230° for SAm/WAf from Noblejas site (via Iwasiwka, NY) SFR in EG 2000 15190 15375, 2100 on 15375; Mon 2145 has Spanish lesson while co-channel Cairo in EG has Arabic lesson! (Cushen, NZ, RNMN 2/12)

SRI LANKA R Monitors Intl hrd on 15120 7/11 at 1100 w/Maxi-DX contest bc; also tape of RCI SWL Digest. Reception vy difficult due co-channel DW. Other // fqs not audible, nor 1300 & 1330 bcs. This has been the first time RMI has been logged here in more than 3 yrs of trying (William Dang, Calgary, Alta) A little after 0100 19/10, I managed to hear SLBC on 15425, just made it out of the noise. Mx came thru much clearer than ancr: soft sound like Ray Coniff, Perry Como; also lullaby duet of "Rockabye Baby". Xmsn cleared a bit around 0200 for parts of As/Pac nx; couple IDs hrd; that's about it (Paul Musiak, Ludlow MA) Besides Soviet and Chinese stns coming in midday on 9 MHz, VOA hrd on 9645 with Dateline 1800-1900* (Jim Conrad, Waterloo IA) Congrats to Bill Matthews, OH, 3rd in RMI contest.

SURINAM SRS, 4850, 14/10 0113-0124, best at 0934-1004. Evening, had Glenn Miller and current hits. Morning, mx first, 0935 IDs in DT & EG, then commentary until 1000 ad, more mx; G (Chuck Bolland, FL) SRS has recently been interpreted differently: V of the Revolution in Surinam (RN Mundo de Comunicações 25/11)

SWAZILAND TWR sends D82 sked, including EG 1800-1845 to CAf on 9640, but also has Swahili sked to EAf on 9640 at 1800-1900--whatzup? (Al Quaglieri, Albany NY)

SWEDEN Since R Sweden is now using a new antenna of higher gain but narrower beam, the azimuth of of the 2300 xmsn has been changed from 305 to 290° (SCDX broadcast 9/11) Both 11705 & 9695 were good during SCDX 23/11 (gh, US VI) 100 kW SSB relay of HS pgm I in SD: 0630-0800 21550 80°, 0800-0930 Sat & Sun 21550 110°, 0930-1200 21555 110°, 1200-1800 21555 170°, 1800-1900 15420 250°, 1930-2130 on 15420 250°; also ES in SD 2330-2400 & 0200-0230 17840 0° (RSI)

SYRIA unID Arabic pop stn, hrd for a month in Eu, 2000-2200 is most likely new strong SW stn from Syria. Per ORF GM DX pgm and DF, along with DW and BBCMS rx stn tests originate from Syria (October WWDXC DX Magazine) Referring to 11590 and 9890 music-only, mostly Umm Kulthum (gh)

TANZANIA VoT Zanzibar noted w/complete s/off 1958 on 3339 w/several IDs as "Hii ni Sauti ya Tanzania Zanzibar" (stress on first syllable of the last name) and listing day's pgms, fqs, wavelengths. NA in a 30-sec mily band version and off the air 2000 20/11. In Nov DSWCI SW News, Roland Schulze, Germany, reports "R Pemba, Tanzania" on 2/10 w/Koran pgm 0400, EG 0417, ID "This is the commercial service of R Pemba, Matumba in Dar-es-Salaam" on 6100. This report is of course totally incredible. Firstly, Zanzibar is not a capitalist island; there is no commerical bcing there; secondly, it does not broadcast in EG, particularly not in a Qur'an pgm; thirdly, Pemba is not in D-e-S, but an island linked w/Zanzibar; and fourthly, there is a Nigerian stn on this fq. R Tanzania, D-e-S, ES in EG 1700-1900 is now on 9749.3; EG nx 1800 (Richard E Wood, Abha, Sa'udi Arabia)

THAILAND Bangkok in EG ID 1150 30/10 on 9650, down from usual 9655; early in Nov they returned to 9655 (Peter Bunn, ADXN) They've made such a temporary move before (gh) Thai press reports via BBCMS suggest clandestine V of the People of Thailand will soon return to the air, and include EG bcs. But very few Thais speak EG as mother lang; Chinese or Malay would be better choices. CPT once issued a bulletin in EG, however, named "VOPT". DXers are forgetting about pro-Soviet CPT radio "Thai Revolutionary People's Radio" which should have been set up "soon" a couple of years ago! Will VOPT come back again? Remember these important dates, which should be chosen for the first days of re-opening the stn: 1/12 - Foundation of Communist Party of Thailand, especially this year w/40th anniversary; 1/1 - foundation of Thai People's Liberation Army. Both suitable for memorial re-opening (Ugusa DXFL)

TURKEY VOT EG at 2200 changed to 9730 for SEAs, 9560 for NEAm; still on 7155 to Eu. 2030 still on 9625; and hrd around 1400 on 15125. No mention of new 0300 bc (Rolf Gunnar, Denver CO, 10/11) Listed under ICELAND in Nov WWDXC DX Magazine is: AFRTS Incirlik, 11115, 1456 4/10 EG ID, pop mx, feeder, reported by Joerg Klingenfuss, Tubingen GFR. However, from my USAF days I recall that Incirlik was a major US base in Turkey, not Iceland, tho finding it on a map is difficult these days (gh)

UGANDA R Uganda, 5026, surfaced w/exc sig 1/11 0305-0318 w/indigenous mx, rock solid sig--with 250 kW, I guess so! G enough copy to tape for the music library here (Gerry Bishop, PA)

U S S R Alma Ata, Kazakh SSR, 5035, 1/11 1140-1200*, surprisingly good sig, opera & piano mx; 2/11 1152, poorer (Steve Reinstein, FL, DXSF) And 4/11 f/in 1125, // 5260 at 1132; 6/11 1129-1150 (R Wilkner, DXSF) Some of R Tashkent's xmsns are relayed by Alma Ata: 1230-1300 in Uighur, 1430-1500 & 1530-1600 same, all on 5035 5915 6060. Kazakh R local pgms on same fqs 1330-1430, 1500-1530, 1600-1630. The 1500 is a repeat of 1330; 1600 repeats 1400 (Kenji Takasaki via URSC via ADXN) R Vilnius hrd at 2300 23/11 on 9685, giving sked at 2328 as on this plus 9750, 15100 17870 and an 11 MHz fq (used to be 11735) (gh, USVI) R Kiev D82 EG: Eu 2000-2029 9580 7260 6020; NAm 0030-0059 17870 15240 15100 9750 9685; 0300-0329 17870 15240 15100 9750 7165 (via Kraig W Kirst, VA) R Moscow spl pgm in EG to UK & Ireland 2000-2100 on new 5920 5980 7310 7390 12010 (Wolfgang Büschel, Stuttgart, GFR, 20/11) R Moscow in EG to S&SEAs: 1400-1430 15.43 15.22 15.18 11.82 7.29. 1500-1530 17.84 17.78 15.42 15.39 15.18 12.05 7.29 7.20 for D82 (via Christos Rigas, Chicago) On 11/11, RMWS in EG and various lang services carried mainly classical mx of somber type and began nx w/brief anmt of Leonid Brezhnev's death on "November 10, 1982, at 8:30 in the morning." Rest of nx was routine; e.g. EG 21545 1000 (Wood, SA) RM EG 21565 6-7/11 circa 0200 had F-G spurs ± 209 kHz and weaker ones ± 418 kHz. First August Radio [more on this under CHINA] hrd 1232 1/10, also 23/10 1402* 12120 w/ID. I sympathize with those East

Coasters who may be trying steadfastly to hear this; in CT I found RTTY only in the background in WA to be blisteringly dominant, tho I did hear a carrier and slight audio w/FRG-7700 (David Newkirk, Seattle WA) 11/9, an unknown Russian jamming stn in FM mode covered fq spectrum from 11933 up to 12007, centred on 11970 against RFE/RL (Wolfgang Büschel, GFR, WWDXC) unID mess around 5140-5150. 6/11 unID Soviet (at least I mean it was in RS) on 5153 w/opera, off at 1327. Same time another Soviet on 5141 1320-1335+. 7/11 hrd only RS on 5149 at 1330 t/in to 1345 t/out; no other clues; fair sigs (Sams OMDC)

UNITED ARAB EMIRATES R Dubai on new 11755 in EG to 0355* // 15300 (Matthew Francis, RA DX 14/11)

UKOGBANI Or some other site? New fq for BBC Hōsō, 6160, 25/11 2229 G going from Japanese to Chinese

U S A As I expected, the end of the football strike meant the possibility of preëmption (gh, USVI) Sundays at 2330 on 11890 of WORLD OF RADIO on WRNO. This occurred 28/11, and late-starting Saints games 12/12 and 19/12 make it likely again then, but there should be no problem 26/12 and 2/2. So be sure to catch W.O.R. on the first (and only airing) GMT Suns 0230 on 6155 (gh) WRNO finally hrd here, 12/11 2350 on 11890 w/phone-in req show urging listeners to "call 340-WRNO" and ad for beer (strictly forbidden here in the Kingdom). & promo for 3-D TV show on ch 26 (Richard E Wood, Saudi Arabia) WYFR French service 2315 16/10 on 15130 co-channel with VOFC relay in Chinese from another WYFR xmtr! (Bob Padula, ADXN) HUTA! (gh) Call to WYFR c 15/11 got this sked for VOFC relays: SAm 15130 2100 SP, 2200 MD. Canada 5985 0000 CN, 0100 MD, 0200 AM, 0300 EG. New 5985 NW Mexico on log-periodic 0410 EG, 0510 MD, 0610 AM, 0710 CN. SAm 11855 0400 MD, 0500 SP. Mexico 11740 0200 EG, 0300 CN, 0400 SP. The 0410 & 0610 bcs had been originally interchanged, and by 20/11 they had been exchanged again so that English was back at 0610. All xmsns 1 hour (gh) Under certain limited circumstances and if convinced that there is no inband channel available, a temporary authorization may be granted by the FCC for private SW stns to operate out of band; so far only WYFR has done this but WRNO has inquired about it. Construxion permits are for 1-year period; R Miami's would have expired in July but got a one year extension to July 1983 as construxion not completed. A new SW application has been received, from the Assemblies of Yahweh to broadcast from Pennsylvania to Europe w/minimum power 50 kW xmtr, 10 db gain. (Charles Brigg, FCC, via RNMN 11/11) Is this separate from WINB? I had heard they were contemplating expansion (gh) [see also ALASKA]. AFRTS has changed wording of 2330 anmt beginning new bc day at 2330 [or slightly earlier] from "...primarily for use of mily families located outside CONUS" to "for exclusive use of DOD personnel and families overseas"(Steven D Commisso, Greece, SCDX 16/11) Re AFRTS on 6300, I hrd them thruout summer there tho not always daily, and am again now. AFRTS should call repair man! (Chuck Kristan, PA) Can you ID lang hrd on VOA until 0430 28/11 on 6872? Playing rock by foreign artists; guess they figure R Australia plays enough Am mx (Bruce Tindall, NC) Greenville A-11, 40 kW, sked 0230-0430 on 6873 LSB in Farsi (gh) At 1443 26/11 I was surprised to hear Qur'an, presumably in AR, on 25920, a VOA fq, listed as Tangier, Uzbek service. It seems the VOA is getting carried away w/using Islam to undermine Soviet authority and has converted itself into yet another American missionary station--at least spewing some different garbage than the usual (gh, USVI) The ARRL broadcast station W1AW revealed 27/10 that the 10 MHz band had just been authorized for US hams but w/restrixion to A1 & F1 only, max power 250 W, general, advanced and extra class only; non-interference basis to fixed services; 10109-10115 not available yet as used by priority govt radio svc, but 10100-10109 & 10115-10150 open. A mass of CW quickly invaded these fqs. W1AW bulletins, which include DX news, are sked 0130, 0430 on 3990 7290 14290 i.a. (David Newkirk, WA) I hrd ham stn WB3HRC operating from USS Olympia, docked in Delaware River, Philadelphia, 23/10 1720 on 14317 USB. Says ham club aboard and someone always on the air. Working on original radio eqp on sub USS Becuna and that should be on air some-time in 1983. They hold spl event days in May and have beautiful 8 x 10 for it. Olympia is Adm. Dewey's flagship from SpAm war of 1890s. Also sent QSL & brochure on two ships. Addr is P O Box 928, Philadelphia PA 19105. USS Becuna is WWII sub also permanently docked there (Ron Trotto, St Cloud FL) WBZT, 1130, Waynesboro PA, will run annual proof of performance test Sun 16/1 at 0600-0630 w/tones. Report to Louis Scally, CE, WBZT, Box 309, Waynesboro PA 17268. Arranged by Bob Binau for NRC (IRCA & NRC)

URUGUAY R El Espectador uses 6045 // 810, per Faccioli, WRTH Newsletter; in reality 6045 is used by R Libertad Sport while El Espectador on 11835 is inactive (Povrženic, Oct LADX) El Espectador hrd on 11835 11/11 2357 w/CX14 ID, adstring, roostercrow (?), 3 hi tones on hour, nx heads, ad, full ID w/R Sport CX18. Good (Jay Novello, NY)

VATICAN Spl Pope In Spain pgm in SP/FR/IT/EG/PL/PT (but not e.g. GM) 21725 0825* 2/11 (Wood, SA)

VENEZUELA R Valles del Tuy, 6130a, 2154-2230+ 31/10 pop LAm mx, IDs 2200 2211 2219 2227. Excellent level, but het (CHNX?) prevented perfect copy (Bishop, PA) R Frontera, 4760, hrd only in morn, not in local eves; 1015-1049 campo guitar ballads, full listing of calls & fqs 1029; 1035 ID as R Frontera Internacional (Lobdell, MA, 23/11) Ecos del Torbes, 4980, hrd w/VOA SP nx relay 0200 (Mitch Sams, AR, 16/11) Finally logged two YVs here, 4980 Torbes 0000, talk on El Sal; 4800 R Lara, sports, Maracaibo vs Valencia, 15/11 (Wood, SA) 23/11 0215 on 11965, hrd time sigs in SP, lots of QRM from DW; what's this? (Robert Pacyna, OH) Recurring question. DW Caribbean relay picking up not only DW on 6100 but YVTO Venezuela; best sig on 49m around 1300 in USVI (gh) VIETNAM VOV 12020 ex-15010 2030 EG (REW/SA)

ZAMBIA ZBS on new 9503 2030-2202*, some EG incl closing 2200. NA 27/11 (Mitch Sams, AR)

EQUIPMENT FORUM

edited by David Newkirk, 11339½ 8th Ave NE, Seattle WA 98125

DRAKE R7A SHAKEDOWN (William Dang, Calgary AB) Recently had an extended trial use of a receiver DXers dream about and SWLs dread, the Drake R7A. Briefly, my evaluations:

Sensitivity: nothing spectacular, about equal to an FRG-7 but totally adequate. With the rather modest antennas that I have (two 45ft trap dipoles and a 50ft longwire), the built-in preamp has to be switched in to give good signal-pulling power. The relay that switches the preamp in had a tendency to become intermittent, requiring that the Preamp switch be pushed in several times to get it to work.

Antenna switch: really useful, at least the equal of the Heath HD-1234. Provides 50-60dB isolation between MAIN and AUX connections and 70-80dB between CONV and MAIN or AUX. Built-in signal splitter permits an external receiver to be hooked up to same antenna as R7A and instant comparisons to be made between it and the R7A.

Tuning: very easy to tune in a-m or ssb signals. On the R7A, to tune in an ssb signal, one merely pushes the SSB/CW switch, dials the tuning knob to the proper frequency and turns the PBT (pass band tuning) knob to USB or LSB, whatever is appropriate. This is much easier than on some receivers where one has to select either usb or lsb and adjust the bfo pitch in an attempt to tune in the signal. If a narrow enough filter is used (3 kHz or narrower), one can't tune an upper sideband signal in using the lower sideband mode and vice versa. Two halves of an independent sideband feeder signal can also be separated with little or no crosstalk. PTO [permeability-tuned oscillator - dpn] has very good tuning feel; tuning is slow enough not to require a separate fine tuning or RIT control.

Band selection: as some people have said, very difficult and inconvenient. One has to select a desired frequency range using the BAND switch and then select the desired 500 kHz range to be tuned through using the two UP/DOWN buttons. Receiver does not remember the selected 500 kHz range if the power is turned off or if the BAND switch is turned to a different range. If this happens, the UP/DOWN buttons must be used again to select the desired 500 kHz tuning range. STORE button can't be used to remember the desired 500 kHz range if power is shut off.

Audio quality: not the best but totally adequate. In comparison with an FRG-7, the R7A's audio has a severely rolled off bass and a "canned" pocket transistor radio sound to it. This comparison was made using the low-level tape recorder connections on both receivers. The output level of the R7A is more than enough to drive a tape recorder, while an FRG-7's level is merely adequate, no more. Unlike the evaluation in the Int'l DXer's Club of San Diego Equipment Review, I can get perfectly natural audio tuning in the Radio Australia feeder on 12290 kHz usb; however, tuning is very critical, since the R7A uses an analog PTO versus the discrete steps of a [n entirely] synthesized receiver. ECSS tuning is also very critical and there is some drift, requiring occasional retuning.

Passband tuning: unlike some receivers, the R7A has pbt even in the a-m mode. This allows one to select either upper or lower sideband without the inconvenience of resorting to ECSS; I found this feature to be particularly handy.

I-f filters: sample receiver was equipped with Sherwood 6, 4 and 3 kHz filters and Drake 2.3 and 1.8 kHz filters. The Drake filters seemed to have steeper, more well-balanced skirts, while the Sherwood filters had noticeably less insertion loss.

Noise blanker: works very well on ignition or impulse noises; effect on Russian Woodpecker varies -- sometimes, it works very well, other times hardly at all. Seems to be marginally better in ssb mode.

Notch filter: i-f notch filter in R7A works well on high-pitched whistles, not as well on low-pitched ones. When used to eliminate low-pitched heterodynes using the AM mode, notch filter is wide enough to also eliminate the carrier, resulting in a signal that sounds like ssb. In the ssb/ECSS mode, one gets a reduction in signal strength instead, while audio remains natural. This is one situation where an audio notch filter is more useful than an i-f one. Despite this, the R7A's notch filter is a very useful control. Every good receiver should have one.

AUX 7: highly recommended, instantly selects desired 500 kHz range and also remembers that range when power is shut off. I only wish that there were more than 8 ranges on the AUX 7 board. Note that when the AUX 7 is not used, the BAND switch is programmed to select the 500 kHz ranges corresponding to ham bands; this is in keeping with the R7A being intended as a ham receiver.

Digital display: for the most part, very accurate. One oddity is noted: when using the bfo to zero beat against known accurate frequencies (WWV, CHU) on the 41m band and below, the display is dead-on while, above 41m, it reads 100 Hz high -- e.g., WWV on 10.0000 MHz tunes in on 10.0001 MHz. The display is dead-on on all frequencies using the internal calibrator. The factory has not responded to questions on why this happens and has not provided any answers on how to correct this.

Speakers: built-in speaker is lousy; external one much recommended. However, it must be a 4-ohm speaker; if an 8-ohm speaker is used, the mismatch will be bad enough to require turning the vol

ume all the way up in order to get enough sound.

S-meter: measures agc voltage, tends to pump up and down with af modulation, but otherwise accurate, linear and goes all the way up to plus-80 dB.

Antenna connections: not too handy since phono jacks are used, requiring adapters or appropriate connectors.

Drift: my sample drifted 500 Hz from cold start to full warmup (2 hrs). The power supply, which generates a lot of heat, may have a lot to do with this.

Additional R7A observations: synthesizer noise and birdies...bad birdies below about 150 kHz; above that point, there [are] only the usual "pips" at the 0 and 500 kHz points on the 500 kHz PTO tuning range. On some of the 500 kHz tuning ranges, the odd birdie appears in the middle of the band, but these do not interfere with reception. Circuit noise is bad; even with the ANT input shorted, unit sounds like fm tuner interstation noise. When the MAIN antenna input is switched in, a low-level-but-audible whine is heard (this does not occur when AUX or CONV input is used). For the price Drake charges for this receiver, they have done a poor job of eliminating synthesizer noise and birdies.

PTO tuning range: lots of overscan provided but almost all of it is on the lower end of the PTO tuning range. You can tune 280 kHz below a given 500 kHz range but only 60 kHz above it. Thus, one can't tune in the upper 40 kHz of the WARC-expanded 19m band or the present 11m band without switching to another 500 kHz tuning range. The mechanical stops on the PTO, which set the limits of the tuning range, are poorly placed and should be moved, but this is not easily done.

MW performance: a bit of a disappointment. With a suitable antenna hooked up (longwire) local 50 kW stations overload the R7A badly; however, their signal levels are about plus-60 to plus-70 dB over S9, [and] there are not many receivers that can handle high signal levels such as these. Despite its good selectivity, the R7A does not seem to separate stations any better than a FRG-7 (Gilfer mod) or a good car radio. This is probably due to the excessive sideband splatter a lot of MW stations put out put out, which no i-f filter can eliminate. While on the subject of i-f filters, those used in the R7A (both Drake and Sherwood) seem to distort the audio noticeably; the audio sounds a fair bit cleaner using the 9 kHz wideband option (this consists of connecting a 150-ohm jumper across the filter in/out terminals).

To sum up, the R7A offers great performance to those willing to put up with its inconveniences and its price tag. For those not so willing, I recommend you look at an NRD-515, R-1000, FRG-7700, etcetera.

dpn: what would be regarded as spectacular sensitivity? Although I'm unaware of the R7A's published spec, I'm sure that, with preamp in, it's on the order of 0.5 microvolt for a 10 dB signal-plus-noise-to-noise ratio in the hf range, with the FRG-7's given as 0.7 microvolt for the same ratio. I can attest to the fact that the FRG-7 overloads badly; others can attest that the R7/R7A does not (at least in the hf range). The fact is that once your receiver is quiet enough so that connecting the antenna causes a clear increase in receiver noise level you have all the front-end gain your receiver can possibly use; this is even more pronounced with many of us living, as we do, where local electrical noise sets the band noise "floor". Clearly, this business of "sensitivity" is relative to, among other things, radios' overloading performance. Sensitivity below the level of local atmospheric and electrical noise is worthless, is even a liability.

Internal receiver noise is not necessarily synthesizer noise. One of the characteristics reported in QST receiver Product Reviews is that of Minimum Discernible Signal (MDS) or "noise floor" -- it's the weakest signal you can hear with that radio; the ARRL Tech Dept staff gives this number in dB relative to a milliwatt. The MDS for the receiver section of the Rockwell/Collins KWM-380 (tested in QST for Oct 82, p 36-38) is given as -131dBm; other receiver measurements, such as those of blocking and intermodulation distortion, were limited by synthesizer noise. Rcvr section of the TS-520S ham transceiver (totally un-synthesized) given as -133dBm in May 78 QST; noise floor for the R-1000 given as -133dBm in Dec 80 QST. Although it must be said that all of these figures were not measured at the same bandwidth (another important variable), all three of these radios are virtually identical in their ability to make a weak signal discernible above their internal noise -- yet the Collins is entirely synthesized, the TS-520S unsynthesized, and the R-1000 only partially synthesized (vfo/bfo unsynthesized; a synth is used to choose each 1 MHz band). Clearly, freq synthesis does not necessarily a higher noise floor make.

Synthesizer noise manifests itself as an increase in background noise as a receiver is tuned closer to a colossal signal -- try it with an FRG-7 on mediumwave with a 50kW local; you'll be appalled. The high no-signal noise in receivers such as the R7A and R-1000 comes from heavy agc and high i-f gain after the rf amplifier, among other things -- not their synthesizers. Again, if the noise riding in on the antenna more or less masks this, you may be complaining about the unimportant.

The tuning rate of the R7A, as is the case with all Drake receivers utilizing that time-honored PTO, is 25 kHz per dial revolution. **sigh** This obsession with numbers is really a form of

CATALOGUE DXING (Loren Cox, Jr., Corbin KY) Recent ARRL tests [see above] of the R/C KWM380 (availa-

ble as rec'r only for SWLs with the kilobucks) reveals a noise floor of -131 dbm; however synthesizer noise is such that rec'r dynamics c'd not be measured. I purchased excessive synthesizer noise (RF3100) for less than $300, & also got a bothersome spur in the 30 m band & lesser one in the 16 m band: but can hear most of what I want to hear reasonably well. The Icom R70 appears to be possibly the best inhaler ever offered to the SWL market @ under a kilobuck pricing. An obvious deficiency is too few selectivity positions. For SWL purposes it w'd probably be desirable to replace the 500 Hz filter [what? SWLs don't listen to cw? - dpn] with a 3 or 4 kHz filter. Have been fighting the urge to call EEB for price & delivery. The $ to yen ratio is such as to make this a propitious time to purchase Japanese equipment. & hear there's a new Kenwood also (but I have a prejudice about Kenwood and Sony).

IC-R70 NUMBERS New subsRIBer Y. N. Umrigar of Vancouver BC forwards his knowledge, specifications and speculations concerning this new ICOM receiver to us with the caveat that this is not a review but for information only. And it's the most complete rundown I've seen of that data so far; here's a distillation:

"I have obtained a preliminary specification sheet (subject to change) from ICOM Canada's Hugh Dollard, 810 SW Marine Dr, Vancouver, BC, Canada. I have not seen the unit as yet and am relying on ICOM's word. Mr. Dollard expects his first sample by the end of October. The receiver appears to be a very sophisticated unit but has one rather unfortunate design deficiency: combined mode/bandwidth switching. Except for this flaw the IC-R70 appears to match or improve upon the specifications of the NRD-515 and Drake R7A in virtually every instance! Expected introduction to NAm in Nov 82. Estimated list price, $1000 Canadian ($700 to $800 USA?). [Amateur Electronic Supply of Milwaukee WI sez "Reg $795, Sale $699.95" in Nov QST - dpn] Frequency coverage, 100 kHz to 30 MHz continuously, with UP and DOWN switches and a knob. Tuning step selectable 1 kHz, 100 Hz, 10 Hz. Display reads out to 100 Hz; front end presumably has some sort of fractional-octave bandpass filter system. Receiving modes/systems: a-m/ssb/RTTY/cw; double-conversion superhet (i-fs are around 70 MHz and 9 MHz). NB: full passband tuning in these modes, with PBT i-f of 455 kHz [so it's really triple-conversion, then? - dpn] (NRD lacks a-m PBT). Fm -- triple conversion superhet (i-fs around 70 MHz, 9 MHz and 455 kHz). Sensitivity, superb! On a-m from 1.6-30 MHz, less than 0.5 microvolts for 10 dB signal-plus-noise-to-noise ratio, less than 3.2 microvolts below 1.6 MHz. On ssb/cw/RTTY less than 0.16 microvolt for that 10 dB ratio, 1.0 microvolt below 1.6 MHz. On fm, less than 0.32 microvolts for 12 dB SINAD from 1.6 MHz to 30 MHz. Selectivity, good. As stated earlier, the unit is hamstrung by combined mode/bandwidth switching. Only four positions: a-m, mediocre width and shape-factor for real DX (6/18 kHz at 6/60dB down), but bear in mind that PBT plus a tunable notch are available on the unit. Still, a definite disappointment given the overall quality of the receiver. Should be replaced. Ssb/cw/RTTY selectivity, NORMAL position, very good -- should also work well for ECSS reception of a-m signals as it stands at 2.3/4.2 kHz at 6/60 dB down. Cw/RTTY in NARROW position, fair -- 500 Hz/1.5 kHz at 6/60 dB down. Fm selectivity, good -- 15/25 kHz at 6/60 dB down. Stability, [drift less than or equal to] 50 Hz per hour after 1 hour warmup. Rejection of spurious responses better than 60 dB. Dynamic range 'better than 100 dB'. Preliminary spec sheet does not explain measurement method parameters; presumably, this is the 'two tone' dynamic range rather than the 'blocking' dynamic range. No third order intercepts aregiven; should be very good. Receiver has a switchable preamplifier and attenuator as well, and this will cause slight changes in DR and TOIP [third-order-intercept point - dpn] figures.

"Other observations: in addition to variable tuning-step size, full passband tuning, tunable notch, switchable preamp/atten, etc, the IC-R70 also has tone, squelch, rf gain and RIT controls, the RIT useful for ECSS and 'hams'; tuning lock switch, dual VFO's with interchange facility, agc off/fast/slow switch; noise blanker with off/narrow/wide switch [for varying its blanking interval so as to take a better stab at ignition noise, the Woodpecker, and so on -- dpn]; monitor level control [for use with an amateur transmitter -- dpn]; af gain; record output; front-panel headphones jack; separate and prominent power on/off switch; display dimmer switch; computer remote-control connector.

"Interesting unknowns: will ICOM improve the mode/selectivity problem by coming out with a second model if enough people write and ask them? Synchro-phase detection or not? Would Sherwood's SE-3 work well with the PBT i-f at 455 kHz? Will ICOM provide a buffered i-f output as on the JRC NRD-515? In response to public demand, would ICOM develop its own outboard PLL product-detector for optimal ECSS reception? Will ICOM produce an outboard "channel memory" and/or receiver-controller unit perhaps with a memory-scan facility (preferable to continuous spectral-scanning between upper and lower bounds except in the rarest of cases)?"

dpn: RIB readers cannot have missed the IC-R70 mug shot p 39 of issue 69; Nov 82 QST tantalizes us further with full-page-full-color treatment p 133; the display is a fluorescent blue-green, for instance. But read with caution the QST review of the ham transceiver whence this receiver design apparently springs; there are some bizarrenesses with freq display and stuff like the display not indicating change when the RIT is used...the usual weird flaws in an otherwise valuable package. That

review of the IC-720A, p 48 of QST for Aug 82. And it strikes me that there's something sad about this business: we sit around like a bunch of dogs unable to procure food for ourselves and dependent on some distant thrower of steaks. Short of learning to raise cattle and read cookbooks ourselves, we can only complain that the doneness of a particular steak, or the style of a particular throw, is not to our taste. Still, the IC-R70 looks to be a juicy receiver.

IGNITION-ON REVIEW OF A MOBILE SHORTWAVE CONVERTER (Rolf Lovstrøm, Oslo, Norway) SWL addicts on the road may find a short wave converter for their car radio an interesting gadget. Inspired by a review in an old issue of the Benelux DX Club bulletin I recently purchased a West German short wave converter, the BECKER REIMS 540. It adds 10 international SW bands to my LW/MW/FM car radio: 13, 16, 19, 25, 31, 41, 49, 60, 75 and 90 metre bands. So far I have picked up virtually every international broadcaster of some size, except Australia but including ZPA1 Paraguay. All Europeans, Canada, VOA/AFRTS/WYFR, all of N Africa, Nigeria, R RSA, Middle East, India, Pakistan, even Japan (which isn't too regularly) here with decent signals. One friend started to look for a hidden cassette player when he heard UAE Dubai Radio on my car.

The trick is done by two transistors and one IC hidden in a small, flat, black box measuring 175x 48x115 millimetres, installed on or under the dashboard. Installation is simple: 12VDC is fed into the converter, antenna is connected to "antenna input" of the converter and a short antenna feeder from the converter to the antenna input of the car radio.

Operation: set car radio to MW (a-m) band, select short wave band by pushing button on converter box. You can now tune the selected band on the a-m dial of your radio. If you want to tune the regular MW band, just switch off converter with "off" button. As tuning is actually done on the MW dial, you may have some problems at first in identifying stations heard, or finding the stations you are looking for. This is just a matter of practice; after one hour or so of fiddling around I had all frequencies identified and could even find the frequencies I wanted without much trouble. If you can preset MW frequencies on your car radio, you can also preset frequencies on SW.

Presumably a digital frequency meter can be added for easy readout of frequency; I haven't tried but would appreciate to know if other people have.

NOTE: the converter is only an addition to your radio. It is the quality of your radio that ultimately decides what you will get out of your converter. The better the radio's selectivity/sensitivity, the better results you get.

Becker is a major West German car electronics company. Their products, including the converter, are available in more than 130 countries according to information from the manufacturer. Price in Norway (excl. taxes) is $103.00 US; probably considerably lower in civilzed countries.

Addresses: Becker Autoradiowerk GMBH, D-7516 Karlsbad 2-Ittersbach, Federal Republic of Germany. In the US: Becker Electronics, Inc, 30 Park Place, Paramus NJ 07652. In Canada: Progressive Electronics, 45 Munham Gate, Unit No 5, Scarborough, Ontario.

ICF-2001, CONTINUED (Bruce Tindall) After six months (as required by the galactic powers that be), my Sony ICF-2001 has developed a problem. In my case, it's the "4" key. You have to bear down on it to get the 4 to register. Otherwise, I still love my ICF-2001.

(Gerry Bishop, PA) In response to the critiques of the 2001 in RIB 68, let me say that if I wanted another desktop DX machine, I'd have bought a good HQ-180, or saved for a while and landed the R7A. I wanted a super PORTABLE, something I can carry in a briefcase. This will do nicely. If it turns out to be the greatest receiver I've ever used, fine. That will be an extra little bonus. I don't believe SONY ever intended this to be comparable to the Drakes and the DX legendaries. From what I gathered at ANARC '82, all that was intended was to make a great portable radio. And they have, if one can live with the insatiable hunger this thing has for "D" cells. Now if it only had a noise limiter, linear RF gain, variable selectivity...it might only cost twice what it does. Thanks, SONY, it meets my needs. And should the buttons stick after uncountable hours of service, I'll take the little gem apart and unstick 'em.

dpn: anyone out there done just that; if so, what did you find? Is this continuing problem, reported now by quite a few people, the result of destruction of material in the switches or merely accumulation of dirt/oxide? Also, is there anyone out there who has taken note of this and used the discomfort of others to limit the "intake" of trailing 0s and 5s for his/her 2001 by replacing them, often, with 4/6 or 9/1? And what is Sony saying about this business now?

FRG-7000 (Chris Hambly, Victoria, Australia) When I first got this set in 1978 I really thought it was a lemon on mediumwave -- I couldn't hear 3GL, Geelong, 45 miles distant, and 3BA, Ballarat, on 1314, 75 miles distant, was a fairy story. I was really disheartened. All I could hear were local Melbourne stations on MW.

Then, while in America, I bought a Sanserino loop, and you would not believe the change the loop made to the FRG-7000. Normally, you can't hear a NSW station (2RG, Griffith) in the daytime, but with the loop it becomes a regular visitor; also, 2BH, Broken Hill, 500 watts -- which I'm listening

to now at 0148 (daytime, 1148 local time) -- is rather good. Nighttime DX last night was rather good when I heard WVUV [Pago Pago, American Samoa] on its new frequency for the first time at 1700 GMT on 648 kHz. Now I'm looking forward to hearing a NA on my FRG-7000.

On SW the selectivity is a bit broad (a-m: 6 kHz at -6dB and 14 kHz at -50dB); if I want to hear FEN Tokyo on 6155 and separate it from Melbourne HS on 6150 I must slightly mistune to 6156 kHz and FEN appears.

In summing up, without a loop the FRG-7000 is a lemon [on mediumwave]; on shortwave it needs a sharper filter -- which I hope to get soon -- but gives reasonable results for general SW listening.

LISTENING ON PUBLIC TRANSIT WITH THE PANASONIC RF-085 SubscRIBer Dave included neither last name nor location with his letter but writes that he receives static within range of trolley wires. "Reception is difficult on the trolley buses for SWLing; however, on the Diesel buses, if one puts the antenna close to the window, one can pick up strong stations just like locals."

GE SUPERADIO-PLUS (Anonymous) After being on the lookout for a digital, long-distance a-m radio, I came across the GE Superadio-Plus (model #7-2882). Since my FRG-7000 isn't very good on a-m [try a loop! -- see above - dpn], the a-m reception on the Superadio is a step up. It's shown, along with the rest of GE's line of radios and cassette recorders, in 1982-1983 Radios, Tape Products and Citizens Band Two Way Radio (including a brief listing and picture of the GE World Monitor, priced at $235-$270), a catalogue available from: Consumer Services, General Electric Company, Audio Electronics Products Dept, Building #5, Electronics Park, Syracuse NY 13221. The Superadio-Plus lists at $135; had to get a special order from a local drug store. Probably could get a better price, but don't know where.

PORTABLE COMPONENT SYSTEMS (dpn) Have just managed a somewhat closer look at one of those portable component systems being plugged by several audio manufacturers. This one was the Sanyo C3, and, as I've noticed in ads for this and one or more of the other manufacturers' wares, radiowise covers a-m, fm and two shortwave bands. Although conditions at this particular store did not allow me to so much as turn the thing on, I noticed that SW1 covered about 2.4 through 7 MHz, and SW2 7.0 through 22 MHz, with the slide-rule freq presentation augmented by black meter-band bars for 120 through 13 meters. Who will be the first to try out one of these devices in the field...and survive?

BUILT-IN 12-HOUR CLOCKS (Phil Lavette, Longmont CO) When are we consumers (you know, the guys with the Bucks) going to get smart enough and mad enough at those radio manufacturers who advertise that they have built a "clock" into their SW, UHF or VHF receivers [to let them know] that we don't consider it a "clock" unless it tells 24 HOUR time?! BUY NO MORE AM PM CLOCKS!

dpn: I agree that it's a hindrance to inculcate into ourselves the sanctity of 24-hour time and discover that the manufacturers hurling steaks, er, receivers at us seem to lack this raising of consciousness themselves. But I own two R-1000s, the 12-hour clocks of which work just as well as timers as they would if in 24-hour format, and would buy them again as such even if Kenwood wrote me a personal letter and told me that they were made 12-hour just to torture me, because they are fine radios with only a few minor "flaws". In the case of consumer radios such as the FRG-7700/R-1000 (remember that the FRG-7000 had a 24-clock aboard, with its own display yet, but included the same fine overloading characteristics as that of the FRG-7), it's more a case of marketing, I think. Both Yaesu and Kenwood use the same MSM5524 LSI (large-scale integration) integrated circuit in their respective 7700 and 1000 radios, most likely because it was easily available. I think that if you did some in-depth research you'd come to an appalling conclusion as to what the cost of both receivers would be if their manufacturers had a) had custom LSI chips designed and produced just so that a few fanatics would not complain or b) put 24-hour clocks aboard using discrete components. The MSM5524 chip does both freq display and clock-timer functions; internally it is configured to display clock, a-m, fm and sw freqs, also to work as sleep countdown-timer and "a just plain counter". I'm sure it was mere cost-effectiveness that put it there, and as such all protestations concerning lack of freq disp resolution to 0.1 kHz or 12-hour format are largely forms of urinating into the wind. But you are right, Phil -- the only effective form of protest against this is not buying. I'm afraid that self-denial as a form of protest is not very big in capitalist economies, however -- and such protests take a long time to make their effects felt through the chain of supply and demand. What if they held a receiver and nobody came?

BUT YOU CAN ALWAYS BUILD IT YOURSELF is the message from Saul E Berger, 5458 N Warnock St, Phila PA 19141: "For those interested I've recently breadboarded a 24-hour clock which operates both my tape recorder via the supplied transformer, and my ICF-2001 through the mini jack timer outlet on the side of the set. The timer, running in a 24-hour format, turns on both timer and 2001 at the specified time for 1 hour. I could run it longer with a little monkeying around. I'm toying with the idea of building and selling the timer for about $40.00 -- the unit would be able to run on 110 or 220 volts AC if need be. If anyone is interested please send me a self-addressed-and-stamped envelope and I'll let you know if anyone else is interested, and when I would be able to start taking orders."

CONSTRUCT A RTTY-MORSE DECODER (Dave Wentzel, Charlotte NC) I just finished building a 'Code-Star' RTTY-Morse decoder from Microcraft Corporation; it works super...as good as the Kantronics Mini-Reader. Morse works well even on faint signals; of course, for RTTY you need a fairly stable signal, as can be expected. No problems building it; it was easy! No hard adjustments, either. I ordered the reader kit first, and after I got it working in about 3 nights, I ordered the optional print adapter kit — took about 2 more nights to put that in. I figured the print adapter would be a separate board, but I was wrong -- all the circuitry goes on just one board, and it would have been easier to build everything at once. I modified mine to make the output for either 20mA TTL current loop or EIA, switch selectable. Right now I have it tied to an ASR-33 [printer]. I would recommend this little box to anyone. There sure is a lot in the SW bands that I never knew about!

dpn: yes, and some of it is actually international broadcasting of a sort, reviewable in these pages if one bends Sec 605 or doesn't care. That ad on p 2 of RIB 69, for the uninitiated and/or curious, portrays another such decoder. Don't let the apparent technicality of RTTY (radioteletype) reception scare you away -- more and more of these systems are buy-and-plug-in units that anyone with the currency can operate with practice. Many of the world's so-called "secrets" are guarded only by our tendency to let inertia stand between us and learning -- direct reception from satellites, for instance, was always possible, but cable operators basked in the warmth of the feeling that their non-scrambled signals were inaccessible merely because consumers could not buy the necessary equipment over-the-counter. Technology need not be a spectator sport, and more proof of this is furnished by

(Roger Crichlow, Chicago IL) There are no kits that I know of for SWLs [in particular], but there are two suppliers of kits for hams: Circuit Board Specialists, PO Box 969, Pueblo CO 81002, tel(303) 542-5083, and Radiokit, Box 411, Greenville NH 03048, tel (603) 878-1033. [From Radiokit is available the] Mini-Antenna kit for $32.95, containing active antenna preamp, instructions, MW station notch filter, pc boards, broadband 20dB rf amp, components, less power supply, boxes, mounting hardware, cables, plugs. Preamp and antenna may be mounted remote from rf amp and power supply; power is supplied on the same cable that carries antenna signal. This unit was described in Ham Radio Horizons, June 79. [From Circuit Board Specialists, the] Progressive Receiver AF Filter for $10.90; components and PC board for 6-pole low-pass RC active filter, as described in QST for Nov 81.

Both Circuit Board Specialists and Radiokit can supply various components for projects. Radiokit has a catalog describing kits and components; the Circuit Board Specialists catalog is a one-page brochure listing kits available augmented by itemized parts-price lists for specific kits. Circuit Board Specialists provides kits for [many] ARRL published projects; Radiokit for ham radio and Ham Radio Horizons. [HRH folded and was incorporated into hr; now, they've dropped mention of HRH entirely from hr's cover -- dpn]

Circuit Board Specialists has been helpful in identifying components and providing hints about kit building, and supplying Xeroxed copies of articles describing kits (for a fee).

The two kits described above can be used as SWL accessories with no modification, but most ham kits require almost complete redesign.

dpn: I've dealt with both Radiokit and Circuit Board Specialists and had good service. Let us not forget venerable Heathkit, swallowed up some time ago and foraying into the hyperpriced nonkit realm now with a high-tech amateur transceiver costing between 2 and 3 kilodollars! But Heath's SWL-oriented goodies are now long gone, alas. (Swallowed up by Zenith, that is.)

IT NOW EXISTS (dpn) This extraordinarily long EF contains, among other things, a bulk shipment of specifications for the ICOM IC-R70. As gh has stressed in the past, though, EF wants your personal insights, experiences and bleatings concerning the equipment side of shortwave listening and shies away from mere manufacturer's-spec-sheet reprints. My inclusion of the IC-R70 stuff exists because many SWLs are champing at the bit to learn more about the radio, and such being the case RIB's EF has the information you need. At other less sensational times other less-sensational devices of interest will be glossed, and I mean glossed, in IT NOW EXISTS, a small sporadic EF feature offering that information and little more. And here are three such devices:

DRAKE LF2 and LF6 LINE FILTERS (Fred Osterman) From info sheet, these filters "...can help us with ...AC line noise and line transients; block radio frequency noise called hash. Also will block interference transmitted through the lines...cured interaction experienced 'tween teleprinter and RTTY demodulator; also, these units will give excellent spike protection, blocking transients of up to 100 amperes -- these transients can be caused by nearby lightning strokes and other high-current line problems." LF2 has two sockets, LF6 has -- surprise -- six; both plug into wall with 3-wire cord. R.L. Drake Co, 540 Richard St, Miamisburg OH 45342.

VIGILANT -- HF COMMUNICATIONS RECEIVERS are "professional" grade communications receivers available in various configurations, types SR 500 (Marine), 501 (Point-to-Point), 520 (Marine), 521 (PTP); 10 or 100 Hz tuning steps, a-m, lsb, usb, cw, telex modes, rack mounting, prices $2968-$4995 from Hamilton Communications Systems Inc. Suite 4545, 1 World Trade Center, NYC 10048. Tune 50 kHz to 30 MHz.

JUBILEE

DECEMBER

The first 50 years

A Message from the Managing Director

This year the External Services of the BBC celebrate their Golden Jubilee. It is a time for taking stock and planning for the future. It is also an historic occasion to share with our millions of friends across the world.

It was 50 years ago – on December 19th, 1932 at 0930 GMT – that the BBC Empire Service, forerunner of today's World Service, went on the air.

The first broadcast was directed at Australasia from a special new £40,000 transmitter at Daventry in Northamptonshire. It included a message from Sir John Reith, the first Director-General of the BBC, who had fought hard in the late 1920s and early 1930s to win government support for a scheme to develop radio as an international means of communication.

Integrity

The Empire Service was intended primarily for British expatriates and the English speaking people of the Old Commonwealth. Its first great occasion came within a week of the opening – a Christmas Day broadcast by King George V, initiating a royal tradition which continues to this day.

Today the World Service is a very different kind of operation. Broadcasting round the clock, its aim is to serve listeners of different backgrounds and interests in every land who understand English.

It was the BBC's record during the war which established its reputation for truth and integrity. But that was only a beginning. Since then the External Services have greatly added to the BBC's standing in international broadcasting with the result that we now have the biggest audience in our history – and one that is still rising.

Today, with a regular following of over 100 million listeners all over the world, not including China, the External Services enjoy an unchallenged reputation for accurate news and for honest, well informed interpretation of the significance of world events.

Freedom

Naturally, we are well aware of the great responsibility placed on us now and for the future. As a part of a larger, national broadcasting organisation, operating under the charter of the BBC, we are known to be editorially independent of government control.

It is this freedom which has allowed us to build and sustain our reputation for accuracy and impartiality in broadcasting. We may sometimes make mistakes, but throughout our history we have set ourselves strict standards and we strive to keep them.

Over the past 50 years we have established a sacred trust with all those in so many countries who tune into us. As we look forward to our next half-century and to sweeping technological changes that will alter the face of broadcasting, it is this bond with the listener which everyone who works for the BBC External Services is determined to cherish and maintain.

Managing Director, External Broadcasting

Voices out of the Air

Fifty years ago this month, the BBC inaugurated its first transmission overseas. In English only at first, the broadcasts reflected the news, music and entertainment of 'home' for expatriates. It was called the Empire Service.

In his first Christmas broadcast message, King George V spoke movingly of the 'voices out of the air' reaching every corner of his vast empire. These words supply the title for two special programmes, written by Alan Burgess and narrated by **Leo McKern**, which trace the development of the BBC's External Services and feature highlights from world events, sport and the arts in 50 years of broadcasting to the world.

The first programme takes the story, via the rise of fascism, to the end of World War II when the BBC's broadcasts played a vital role in telling the truth, good and bad, to friend and foe alike. This reputation, won in war-time, is the hallmark of the 37 language services currently broadcasting from Bush House, together with many ancillary services such as Monitoring, English by Radio and Television and Transcription Services.

12th, 19th 1830 rep 13th, 26th 1345, 17th, 24th 0230

50 Not Out

Throughout the course of this 50th anniversary year, BBC World Service has been broadcasting a variety of celebratory programmes. But the whole truth has not yet been told...

Why are so many newsreaders out of breath when they read the news? Has it anything to do with the oft-mentioned BBC coffee? Or have the Bush House lifts been slow on the up-take again? And what actually *is* Bush House? Is it a restaurant, a trade centre, or even a BBC studio complex? Is it all three?

Well known raconteur and presenter of *The Pleasure's Yours* **Gordon Clyde** takes his piano on a tour of Bush House to see what *really* goes on behind the scenes. If he succeeds in navigating the labyrinthine subterranean tunnels beneath the Strand and escapes the clutches of the lofty corridors of power, he will emerge to reveal all in this snapshot survey of the BBC still batting in the Bush.

Letting an outsider like Gordon into Bush House is a calculated gamble. If he digs too deep, he might surface in Australia House which is next door. Or he might uncover a closeted skeleton. Or he might even get hopelessly lost... and join the host of 'phantom knockers'.

Truth is often stranger than fiction. So why *did* they fill the swimming pool full of oil? Gordon has the answer...

24th 1645 rep 2315, 25th 1245, 28th 0545

Jubilee Service

From the earliest days of broadcasting in Britain and on the 'Empire Service' (as it was originally known), the church of St Martin-in-the-Fields has been at the centre of the 'ministry of the air'. So St Martin's is an appropriate venue for the BBC External Services' Jubilee Thanksgiving Service.

Two former Religious Broadcasting Organisers are taking part: the Rev. W. D. Kennedy-Bell and the Very Rev. Colin Semper (now Provost of Coventry Cathedral). Pauline Webb, the present organiser, leads the Intercessions, and the service is conducted by the Rev. Austen Williams who has broadcast to the world regularly from St Martin's for the last 26 years.

Members of BBC staff read the lessons, including the Managing Director of External Broadcasting, Douglas Muggeridge. The Chairman of the BBC, George Howard, also reads a passage concerning the history of broadcasting.

19th 1015 rep 20th 0030

Nation to Nation

A jubilee is an appropriate time to look ahead, and to examine what the future holds for international broadcasting. Is the scene likely to be transformed by the use of satellites? Will it be feasible – as one American expert suggests – to bounce short wave signals off huge space stations and pick them up on ordinary short wave radio sets? Or does the future lie in a number of smaller and less dramatic improvements?

These are some of the questions examined by the BBC's former Central Europe correspondent Ian McDougall in a special jubilee programme, produced by Elizabeth Smith.

18th 2030 rep 21st 0030 24th 1330

Outlook Jubilee Edition

To celebrate the 50th anniversary of the BBC's External Services, which falls on 19th December, regular presenters **John Tidmarsh** and **Colin Hamilton**, take listeners on a rare guided tour of their headquarters – Bush House.

The programme's reporters visit various locations in Bush House – such as the Newsroom and the Control Room – both vital installations operating on a 24-hours-a-day, seven days a week basis. They are hoping, too, to convey the flavour of some of the programmes broadcast by their colleagues in the language services, as well as taking a 'behind the scenes' look at the staff canteen and the BBC Club.

17th 1515 rep 1900, 18th 0115

Bush House, London, home of BBC External Services

FEATURES DECEMBER Terrorism: a victim speaks

Assignment

This month listeners can hear the 100th edition of this feature series. In the last two and a half years, its reporters have visited all five continents to bring in-depth coverage of issues and events in and behind the news, and have reported on significant developments in science, industry and ideas.

In December, among other topics, the programme returns to the problem of energy, which threatens mankind over the long term despite the present surfeit of oil on the world market. Meanwhile, one line of research on alternative sources of energy is already bearing fruit. Within very recent years, the wind has been turned from a source of useful but small-scale power, mainly for rural consumers, into a potential large-scale supplier of electricity.

In Europe and North America, experimental wind-driven generators have shown how they could feed thousands of kilowatts into distribution networks. There are ideas for 'wind farms' – arrays of wind-driven generators on land – and for archipelagos of offshore platform-mounted plants. A fifth of Britain's electricity could be generated in this way. Third World needs, too, could be met by newly developed but appropriate wind-power technology.

Weds (ex 22nd, 29th) 2030 rep Thurs (23rd, 30th) 0230, 1130, 1615

The New British Nationality Act

Next month sees the introduction of the controversial new British Nationality Act – a piece of legislation that has been greeted with a mixture of dismay and confusion both in an outside the United Kingdom. The new act (which replaces the 1948 British Nationality Act) effectively ends seven centuries of a legal tradition under which citizenship was granted as an automatic right to anyone born in the UK and brings it more closely into line with the European system of citizenship by descent.

How will the new rules governing immigration, work and a right to stay in Britain be applied? And how justified is the criticism that the act has translated into citizenship terms the division between black and white already built into immigration law? **Bill Breckon** unravels the complexities of the new legislation and assesses its implications in a special report.

29th 2030 rep 30th 0230, 1130, 1615

Sagittarius Rising

Cecil Lewis brings readings from his autobiography to a close this month. 'Memories of the past', he writes, 'are like jewellery left lying forgotten in a cupboard. All those days I know had their incident, their humour, their tragedy; now most of it is lost. Only a few brilliants remain to mark the outline of the months'.

In these concluding episodes he describes his experiences in the last days of the First World War – and a visit to China.

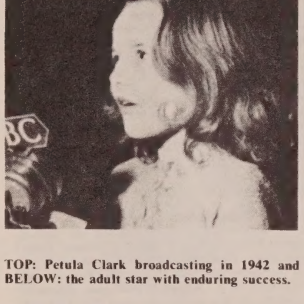
4th, 11th 2115 rep 6th, 13th, 0145, 1015

Since the Days of the Cat's Whisker

After his days as a pilot, **Cecil Lewis** returned to Britain to become one of the founding fathers of the infant British Broadcasting Company, the forerunner of the BBC. He was a key figure in the first years of the Corporation both as creator and administrator – producer, playwright, Chairman of the Programme Board.

Today he is the sole surviving pioneer of the earliest days, and in this Jubilee year, both for the BBC as a whole (60 years) and for the External Services (50 years), he looks back and compares his experiences in the days of the Cat's Whisker with broadcasting now.

20th 0315 rep 23rd 1015, 24th 1245, 2145



TOP: Petula Clark broadcasting in 1942 and BELOW: the adult star with enduring success.

This is my Song

In this BBC Jubilee year, **Bob Holness** talks to one of Britain's top singing stars **Petula Clark,** whose first professional appearance was over the airwaves of the BBC's External Services.

She is one of the few artists whose career has encompassed the whole of show business – from her first hit record *The Little Shoemaker* in 1954 and million sellers like *Downtown* and *This is My Song* in the 1960s to concert and cabaret appearances, television and films. Her enormous success this year on the London stage as Maria in *The Sound of Music* confirms her enduring star quality.

24th 1900 rep 25th 1515

Man, Myth and Music

Noel Goodwin completes the series in which he investigates some musical manifestations of man's preoccupations with legend, folk tales and the supernatural: the endearing figure of Cervantes' **Don Quixote** is translated into music by Falla, Massenet, Ravel and Richard Strauss *5th*; **Witchcraft** and its age-old power over human affairs as interpreted by Berlioz, Humperdinck, Handel and Rossini *12th*; **Sagas of the North,** including Stravinsky's Petrushka, Schubert's Erl King, Schoenberg's Gurrelieder, and Finnish mythology embodied in the music of Sibelius *19th*; and finally, the story of **Cinderella** brought to life by Rossini, Massenet, Prokofiev and Johann Strauss *26th*.

Suns 2330 rep Mons 0630, Weds 1430, Thurs 0945

Pageant of the Past

Using songs, poetry, letters, diaries and official reports, **Ann Kirch** evokes an image of what it might have been like to live through some of the most vivid and colourful moments in Britain's long history.

The Fight Against Slavery *6th*; **The Rise and Fall of the English Seaside** *13th*; **Elizabeth and Essex** *20th*

Mons 1130 rep Tues (ex 28th) 1615, Thurs 0045, Fris 2030

The Horror and the Courage

The horror makes an immediate impact. The courage emerges slowly over many months. The horror occurs when the terrorist outrage is committed – in this case an explosion in Northern Ireland. The courage comes later as the victims, their relations, the medical staff and the security forces all in their own way come to terms with the enormity of the event.

How do you return to reality and normality after being involved in something as traumatic as an act of terrorism? **Molly Price Owen** talks to one of Northern Ireland's many victims and to the people around that person. At random, and without warning, they were caught up in an event which radically changed their lives. How did they cope with the horror? Where did they find the courage to go on living?

22nd 2030 rep 23rd 0230, 1130, 1615

Humour, Atoms and History

'Historians used to claim that they could draw lessons from the past, but they are increasingly hesitant about that, and in any case they cannot agree on what the lessons are. So they may be accused of having lost their voice, of having nothing positive to say. Some don't care about being entertaining either. There was a time when historians inspired political or religious movements. That is over.'

Theodore Zeldin is a Fellow of St Antony's College, Oxford, and the author of a five-volume work *France, 1849-1945*. In this talk he considers the present state of historical research and writing, and puts forward some ideas for the future development of his profession.

27th 0709 rep 2009

Book, Music and Lyrics

Theatre critic **Robert Cushman** looks back at the development of the musical theatre, and in particular at the vast number of shows 'that people have forgotten or never had the chance to know'. He shares with listeners his enthusiasm for 'the vast amount of wit, intelligence, melodic and rhythmic invention in a huge number of shows just waiting to be rediscovered'. He makes no apology for the fact that the emphasis throughout this series is on Broadway shows, because he believes that most of the best musical theatre, like the best popular music, has come out of America.

In the first programme, Robert Cushman concentrates on what he calls the 'backstage musicals'. The shows he uses as illustration include *Top Banana* (Johnny Mercer); *Annie Get Your Gun* (Irving Berlin) *A Little Night Music* (Stephen Sondheim); and *On the Twentieth Century* (Cy Coleman, Betty Comden and Adolph Green).

From 25th Sats 2030 rep Mons 0100, Fris 1330

As I Saw It

This personal view of the year just ending is presented by **Alexander Lieven.** For much of 1982 he maintained a close watch on contemporary developments as the compiler and presenter of *Listening Post*, the BBC World Service's weekly survey of the output of radio stations around the globe.

He takes a retrospective and often wry look across the entire span of events in 1982 and reflects upon the significance and the occasional insignificance of some of the news stories which made the headlines.

31st 1515 rep 1900, 1st Jan 0100

Writers' Spouses

What is the best sort of partner for a writer to have – dragon or drudge? Francis King, author and critic, examines some of the choices that writers have made. Readers are **Ingrid Hafner, Mark Buffery, Val Lorraine** and **John Hartoch.** Produced by Brian Miller.

27th 0315 rep 1415, 30th 1015, 31st 2145

DRAMA

DECEMBER

A Dickens classic

30-MINUTE THEATRE

The Midwich Cuckoos

by John Wyndham

The sleepy English village of Midwich finds itself the centre of an extraordinary scientific controversy when, for 24 hours, its inhabitants sleep the sleep of the dead and then wake up without having suffered any apparent ill effects. The mystery deepens when, a few weeks later, every female of child-bearing age finds herself pregnant. An extraordinary coincidence? Impossible! But it is only after they are born that people start to grasp the real – and potentially horrific – significance of their Midwich cuckoo-children.

This classic story from the pen of one of Britain's greatest writers of science fiction was filmed as *The Village of the Damned*. It has been dramatised in three episodes by William Ingram.

Sats (ex 25th) 1330 rep Thurs (ex 2nd, 30th) 1830, Fris (ex 3rd, 31st) 0830, 2330

The Diary of Adrian Mole Aged 13¾

by Sue Townsend

Sunday January 27th: 'Perhaps when I am famous and my diary is discovered, people will understand the torment of being a 13¾ year old undiscovered genius'.

On the first day of the New Year, Adrian Mole begins to keep a diary for the first time, recording in detail his feelings as an under-nourished son, unappreciated intellectual, unrecognised poet and spurned wooer of Pandora. He also makes some interesting observations on the behaviour of the adults around him.

With **Nicholas Barnes** as Adrian Mole. Directed by John Tydeman.

25th 1330 rep 30th 1830, 31st 0830

Bleak House

by Charles Dickens

Dickens drew on his own experience as a reporter in the Court of Chancery to paint this grim picture of the law with its suitors and hangers-on. This great novel of legal entanglements, intrigue, murder and romance has been dramatised in eight parts by Betty Davies.

At the Court of Chancery the interminable lawsuit of Jarndyce and Jarndyce becomes the centre of a complex web of relationships drawing in people at all levels – from the beautiful and fashionable Lady Dedlock to Jo, the ragged crossing sweeper.

Through the Jarndyce case, Ada and Richard meet as wards of John Jarndyce of Bleak House and fall in love. And a chance document sets the lawyer, Mr. Tulkinghorn, on the track of a mystery.

Starring **Simon Cadell** (as the narrator) with **Brenda Blethyn, Michael Bryant, Sara Kestelman, Andrew Seear** and **Maggie Wilkinson.** Directed by Jane Morgan.

Suns 1915 rep Weds (ex 1st) 1330, Fris (ex 3rd) 0030

The Belton Estate

by Anthony Trollope

Richard Leech continues with the story set in Somerset about the lives of the Amedroz family, Will Belton and Captain Frederic Aylmer.

Part 5 When Captain Aylmer's aunt, Mrs Winterfield, dies, he asks Clara Amedroz to be his wife.

Part 6 Having proposed marriage to Clara, Captain Aylmer is strangely cold towards her.

Part 7 Clara has, for the second time, agreed to become Captain Aylmer's wife.

Part 8 Clara's friends and neighbours, the Askertons, suspect Will Belton of prying into their affairs; but it is Captain Aylmer who throws suspicion on Mrs Askerton's identity.

Mons 0430 rep Tues 0815, Weds 2315

Quote, Unquote

Each week a different panel tries to unravel some topical quotes and mis-quotes – and add some amusing ones of their own. Panelists taking part in the quiz this month are: **Martin Jarvis, P.J. Kavanagh, Arthur Marshall, Joan Turner** *6th.* **Jilly Cooper, Robert Gittings, Christopher Matthew, Terry Wogan** *13th.* **Bernard Bresslaw, David Buck, Mary Malcolm, Ned Sherrin** *20th.* **Douglas Adams, Judi Dench, Russell Harty, Kenneth Robinson** *27th.* Chairman is **Nigel Rees.** Produced by Alan Nixon.

Mons 1215 rep 2330, Weds 0830, Fris 1830

Just a Minute

Chairman **Nicholas Parsons** tries again to control the participants of this panel game for 'just a minute'. Panellists are: **Kenneth Williams, Peter Jones, Barry Took, Tim Brooke-Taylor** *4th;* **Kenneth Williams, Clement Freud, Peter Jones, Aimi Macdonald** *11th;* **Kenneth Williams, Clement Freud, Derek Nimmo, John Junkin** *18th;* **Kenneth Williams, Peter Jones, Derek Nimmo, Sheila Hancock,** *25th.* Produced by Pete Atkin.

Sats (ex 25th) 1030 (25th only 1615) rep Suns 0330, Mons (ex 27th) 1715

Smash of the Day: The Goon Show

More delights for fans of those Goons – the late **Peter Sellers, Harry Secombe** and **Spike Milligan. The greatest Mountain in the World** *4th;* **The Case of the Fake Neddie Seagoons** *11th;* **The Mysterious Punch up the Conker** *18th;* **The Great Regent's Park Swim** *25th.*

Sats 0830 rep Suns 1430, Mons 1030 (20th only 0115), Tues (ex 21st) 0030)

Tom Jones

by Henry Fielding

Tom Jones continues his amorous adventures this month. With **Anton Lesser** as Tom Jones, **Kathryn Hurlbutt** as Sophia Western, **Clifford Rose** as Squire Allworthy, **Peter Jeffrey** as Squire Western and **Martin Jarvis** as Henry Fielding. Adapted for radio by Hallam Tennyson and directed by Martin Jenkins.

Tues 1430 rep 2045, Weds 0230, 1000

PLAY OF THE WEEK

The Guardsman

by Ferenc Molnar

Budapest 1910. Nandor **(John Moffatt)**, an idolised actor, disguises himself as a guardsman in order to test the fidelity of his wife Ilona **(Judi Dench)**. When Ilona appears to fall for the handsome soldier without seeing through his disguise, Nandor experiences conflicting emotions. Is he the guardsman bent on seduction or the betrayed husband?

This production, of a translation by Frank Marcus, also features **Francis Matthews** as Bela and **Lally Bowers** as Mother. Directed by Glyn Dearman.

11th 1830 rep 12th 0030, 1130

Dr Jekyll and Mr Hyde

by Robert Louis Stevenson

There is good and evil in all of us – a tenet which is as true today as when Robert Louis Stevenson wrote this classic story.

Dr Jekyll is fundamentally a good man, until he finds a way of releasing his own inner evil – a discovery which swiftly gets out of hand. His struggle with his alter ego (Mr Hyde) is a touching and mysterious story working up to a tragic climax.

Nicky Henson plays Dr Jekyll and Mr Hyde in this dramatisation of the famous chilling tale, directed by Derek Hoddinott. Also in the cast are **Charles Gray, Reginald Marsh** and **Charles Kay.**

18th 1830 rep 19th 0030, 1200

Short Stories

Of the hundreds of stories received each year from listeners, many are rejected as unsuitable – much to the disappointment of their writers who have obviously put a lot of time and effort into their work.

For them, and for new writers, two programmes are being repeated in which three well known British authors – **Susan Hill, Francis King** and **Edward Blishen** – discuss the art of short story-writing *5th, 12th.* These are followed by two classic stories *19th, 26th*

Suns 1330 rep Mons 2115, Thurs 0145, 0815 (ex 15th)

Reflections – a daily consideration of the meeting point between religion and life. *Daily 0455, 0809, 2240, Suns 1740*

Religious Services – All Souls Church, Langham Place, London *5th;* Roman Catholic Chaplaincy of the University of London led by the students and chaplains *12th;* Jubilee Service for BBC External Services, St. Martin-in-the-Fields, London (Rev. Austen Williams) *19th;* St. Martin-in-the-Fields, London (Rev. Austen Williams) *26th.*

Suns 1030 (ex 19th 1015) rep Mons 0030

Report on Religion – a weekly magazine of religious news and views *Weds 0145 rep 0745, 1415, Thurs 1945*

Money

by Edward Bulwer Lytton

This highly original comedy of manners was a smash hit of the 1840 London theatre season. It is partly a sentimental romance showing virtue triumphant over the world's vices, and partly a biting satire on the weakness of mankind (and womankind) for money. It has recently delighted London audiences once again in a revival by the Royal Shakespeare Company.

Alfred Evelyn lives in the household of Sir John Vesey and ekes out a living as secretary to his rich but miserly patron. He is secretly in love with another poor relation, Clara Douglas, who is looked after by the rich but generous Lady Franklin. But can true love find a way out of grinding poverty and achieve real happiness?

Starring **Clive Francis** as Evelyn, **Petra Markham** as Clara and **Peter Vaughan** as Sir John. Abridged for radio by Anton Gill and directed by Dickon Reed.

25th 1830 rep 26th 0030, 1200

READING

Staying On

by Paul Scott

On the last Monday of April 1972, Tusker Smalley's wife, Lucy, was having her hair blue-rinsed in the Seraglio Room of Pankot's new glass and concrete hotel. The Shiraz. This was only a step away from the little Indian hill station's older hotel, Smith's, whose annexe had been occupied by the Smalleys for the last 10 years.

This tragi-comic story which describes the last few weeks in the life of Colonel "Tusker" Smalley (Indian Army, retd.) who, with his wife Lucy, elected to 'stay on' in India after Independence, won its author the coveted Brooker Prize in 1977.

Abridged for radio by David H. Godfrey, it is read in 15 parts by **Garard Green** and is produced by Trevor Hill.

From 18th Sats 2115 rep Mons 0145, 1015

MUSIC

DECEMBER

The greatness of Schubert

Music for the Court of Louis XIV

A few months after claiming the throne of France in 1653, the 14-year-old Louis XIV danced in a court ballet in the role of the Sun; from then on he was always known as the Sun King. As the nation grew in wealth and power, so Louis was able to indulge his passion for ballet and music. Lavish musical spectacles were given at his new and glorious palace of Versailles, and Louis insisted on having music to accompany him wherever he went. The virtuosity of his players and the discipline of his orchestras were the envy of Europe.

Dancing with Louis in that first famous ballet was a young musician, Jean-Baptiste Lully – a brilliant dancer, violinist and composer with a ruthless ambition. His absolute power and influence in music was parallel to that of the king. The first four programmes in this series trace his rise to power and the eventful and sometimes bizarre musical life, ending with the equally bizarre accident which brought about his untimely death: **The Rising of the Sun** *5th;* **The Bourgeois Gentleman** *12th;* **The Royal Academy** *19th;* and **Our Dear and Well-loved Baptiste** *26th*
Suns 0530 rep Tues 0145, Weds (ex 1st) 1945

What it takes to be a Musician

Is musicianship something that is inborn, or can it be learned? With the help of his piano and record collection, **Sidney Harrison** continues his personal look at what it is that sets apart the gifted musician from the ordinary music lover, and the great from the simply gifted.

His first programme this month is devoted to interpretation – **You must have heart and soul** *6th;* the second is entitled **If you are an actor** *13th;* **An obsession about composing** asks if the great composers were taught, or was their talent entirely a gift from nature? *20th;* and in **Professionalism** the problems of money, of earning one's living, rear their head *27th.*
Mons 1830 rep Tues 1215, Weds 0630

Elisabeth Söderström

The great Swedish soprano reminiscences about her career and introduces music of her choice in the final two programmes of this series.

In **The Darker Side** Elisabeth Söderström reflects on the darker side of life and its expression in music: "With so much fear and fright around the world, is there really a chance for anybody to be happy?", she asks. "Every day becomes a Dies Irae, Day of Wrath" *4th*

But in **Music is Good for You** she talks of the joys of music and plays records to illustrate what she means. "If the vibrations are right, they make my whole inner being vibrate too, which gives me a feeling of utmost pleasure and happiness". *11th 4th, 11th 2030 rep 6th, 13th 0100, 10th, 17th 1330*

The Fred Woods Collection

Fred Woods is well known to World Service listeners for his popular folk music programmes. In this new series he takes a personal view on a wide range of subjects, focusing each week on one particular aspect of everyday life and illustrating it with popular and traditional folk songs. He starts with **Colour** *4th,* then **Money** *11th,* **Getting Old** *18th* and **Films** *25th.*
Sats (ex 25th) 0145 rep Suns 0430, Tues 0730, 1945

Star Profile

David Symonds continues his look at the careers of singers who have succeeded in maintaining their popularity over the years.

First this month is **Engelbert Humperdinck** whose life changed drastically in 1967 after his number one hit *Release Me 4th.* This is followed by Tamla Motown star **Diana Ross** *11th,* **Max Bygraves** *18th* and **Perry Como** *25th.*
Sats 0815 rep Mons 0530, Tues 2315

Louis XIV as The Sun of a court ballet.

Jazz Score

Part quiz and part chat, this new series brings together jazz musicians and journalists who show off their knowledge of jazz and tell a story or two. These stories prove the point that jazz can be a highly entertaining subject appealing to fan and non-fan alike.

Under chairman **Benny Green,** the panellists are: **George Chisholm, Humphrey Lyttelton, Annie Ross, Ronnie Scott** and special guest **Eric Sykes** *7th;* **Acker Bilk, George Melly, Jack Parnell, Ronnie Scott** and special guest **Deryck Guyler** *14th;* **Acker Bilk, George Melly, Jack Parnell, Ronnie Scott** and special guest **Barry Took** *21st;* **George Melly, Humphrey Lyttelton, Peter Clayton, Ronnie Scott** and special guest **Kingsley Amis** *28th.*
Tues 0630 rep Weds (ex 1st, 15th) 2130, Fris (ex 3rd) 1215

The Gift of Song

Few musical instruments can thrill an audience as directly as the human voice, and those few people who can sing exquisitely are admired and envied. But is a lovely voice a gift that most of us have to be content to do without, or can anybody learn to sing? What makes a voice beautiful? Is beauty in the ear of the listener so that Western audiences are left confused by Eastern voices, and Eastern listeners perhaps hear Western opera as uncontrolled screeching? These are some of the questions posed by **Zina Rohan.**
26th 1830 rep 27th 1345, 31st 0230

Making your own Fun

'Making your own fun, if father had anything to do with it, was a precise, methodical, full-scale offensive'.

Johnny Morris takes a light-hearted look at home entertainment in his youth – in this case learning to play the violin.
24th 1745 rep 2245, 25th, 0430

They Write the Songs

Songwriter, DJ, golfer and globe-trotter **Barry Mason** talks to more of his friends in the music business and plays some of the songs they have made famous.
Sats 1400 rep Suns 0630, Thurs 0330, Fris 0945

Franz Schubert: Songwriter and Symphonist

It took 50 years after his death in 1828 for Schubert's true greatness as a composer to be generally recognised. Until that time, most of his music had remained unperformed or unpublished, but his stature as a symphonist and composer of chamber works eventually became widely appreciated, and today even his little-known operas are still being revived and rediscovered.

However, his finest single contribution to western music must surely be his songs – the Lieder – some 600 in number. They have set a consistent standard of inspiration in melody and form which has never since been matched. This superb gift for melody can be heard throughout his entire range of compositions.

In these two features, **Denis Matthews,** a noted interpreter of the Viennese classics, explores Schubert's music. Relating them to the background of the songs, he quotes from the major chamber works, the symphonies, and the opera *Alfonso and Estrella* on gramophone records, and illustrates examples from them at the piano. Professor Matthews' great love of Schubert emerges in these fascinating explorations of his music in terms of song.
28th 1709, rep 2330, 29th 1130; 30th 1709, rep 2330, 31st 1130

Makers of Musical Taste

Without accepting Oskar Schmitz's famous description of pre-1914 England as "the land without music', it must be admitted that there was a great upsurge of musical culture throughout Great Britain during the first half of this century. In all mass movements there are leaders; in music some are composers, others performers; others again are critics and writers. This series of seven programmes concerns itself with the third category.

The programmes feature this month the influential scholar, pianist and conductor **Donald Tovey** *5th;* **Ernest Newman,** Wagner's greatest English biographer, whose music criticism spanned more than half a century *12th;* **Professor Edward Dent,** who did more than anyone to stimulate interest in serious opera among a nation devoted to Gilbert and Sullivan *19th;* and **Constant Lambert,** composer and conductor, whose book, *Music Ho* written in the 1930s, influenced a generation of music-lovers *26th.* Speakers include William Mann, Winton Dean and Lionel Salter.
Suns 0215 rep 2100, Mons 0545, Tues 1015

Concert Hall

Stamitz: Flute Concerto in D. New Irish Chamber Orchestra conducted by André Prieur with James Galway (flute). **John Field:** Piano Concerto No. 1 in E flat. New Irish Chamber Orchestra conducted by Janos Furst with John O'Conor (piano) *5th 1515*
Brahms: Tragic Overture, Op.81. London Symphony Orchestra conducted by Sir Adrian Boult. **Dvořák:** Symphonic poem, The Golden Spinning Wheel. London Symphony Orchestra conducted by István Kertész *12th 1515*
Vaughan Williams: Prologue, Christmas Cantata, Hodie (This Day). The Bach Choir, London Symphony Orchestra conducted by Sir David Willcocks. **Britten:** A Ceremony of Carols. The Choristers of Winchester Cathedral, conducted by Martin Neary with Marisa Robles (harp). **Vaughan Williams:** Fantasia on Christmas Carols. Choir of King's College, Cambridge, London Symphony Orchestra conducted by Sir David Willcocks with Hervey Alan (bass-baritone) *19th 1515*
Handel: Pastoral Symphony (Messiah); **Alessandro Scarlatti:** Christmas Cantata; **Handel:** Aria, Rejoice Greatly (Messiah); **Corelli:** Concerto Grosso in G minor, Op. 6 No. 8 (Christmas Concerto). Academy of Ancient Music. Director Christopher Hogwood. Eiddwen Harrhy (soprano) *26th 1515 rep 27th 1900*

Christmas Programmes 1982

CHRISTMAS EVE DECEMBER 24TH

0000 World News
09 News about Britain
15 Radio Newsreel
30 Bleak House

0115 Outlook
45 *In the Meantime

0200 World News
09 British Press Review
15 *The King of Instruments
30 Voices out of the Air

0300 World News
09 News about Britain
15 The World Today
30 *Business Matters

0400 Newsdesk
30 Country Style
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours News Summary
30 *Music from Wales
45 The World Today

0600 Newsdesk
30 *Fiesta

0700 World News
09 Twenty-Four Hours: News Summary
30 *Intermezzo
45 *Merchant Navy Programme

0800 World News
09 Reflections
15 The King of Instruments
30 The Midwich Cuckoos

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 They Write the Songs

1015 Merchant Navy Programme
30 Business Matters

1100 World News
09 News about Britain
15 In the Meantime
30 Meridian

1200 Radio Newsreel
15 Jazz Score
45 Since the Days of the Cat's Whisker

1300 World News
09 Twenty-Four Hours: News Summary
30 Nation to Nation

1415 Letterbox
30 Album Time

1500 News Summary
02 Festival of Nine Lessons and Carols

1630 Milton: Mirth and Melancholy
45 50 Not Out

1700 World News
09 *Sarah and Company
40 *Book Choice
45 Making Your Own Fun

1800 World News
09 News about Britain
15 Radio Newsreel
30 Quote, Unquote

1900 This is My Song

2000 World News
09 Trouble Shooting the Software Interface
30 Pageant of the Past

2100 Christmas Meeting
15 Music Now
45 Since the Days of the Cat's Whisker

2200 World News
09 Wise Men from the East
25 Book Choice
30 Financial News
40 Reflections
45 Making Your Own Fun

2300 World News
09 Commentary
15 50 Not Out
30 The Midwich Cuckoos

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1616-1630 Focus on Africa
1709-1725 Focus on Africa
1715-1730 African News
1730-1745 Medical Programme

FALKLANDS
2115-2200 Calling The Falklands

CHRISTMAS DAY DECEMBER 25TH

0000 World News
09 News about Britain
15 Radio Newsreel
30 Festival of Nine Lessons and Carols

0200 World News
09 Commentary
15 Christmas Meeting
30 Frank Muir Goes Into Pleasure

0300 World News
09 News about Britain
15 Wise Men from the East
30 Christmas at Dingley Dell

0400 Newsdesk
30 Making Your Own Fun
45 Financial News
55 Reflections

0500 World News
09 Commentary
15 About Britain
30 Sing a Song of Christmas
45 Milton: Mirth and Melancholy

0600 Newsdesk
30 Album Time

0700 World News
09 News about Britain
15 Wise Men from the East
30 Classical Record Review
45 Christmas Meeting

0800 World News
09 Reflections
15 Star Profile
30 Smash of the Day: The Goon Show

0900 World News
09 Look Ahead
15 Sing a Song of Christmas
30 The Queen's Christmas Message
35 Festival of Nine Lessons and Carols

1100 World News
09 News about Britain
15 About Britain
30 Meridian

1200 Radio Newsreel
15 Christmas Celebration
45 50 Not Out

1300 World News
09 Commentary
15 Christmas Meeting
30 The Secret Diary of Adrian Mole, Aged 13¾

1400 They Write the Songs
30 Christmas at Dingley Dell

1500 Radio Newsreel including the Queen's Christmas Message
15 *This is My Song

1600 World News
09 Commentary
15 Just a Minute
45 Wise Men from the East

1700 World News
09 Book Choice
15 Frank Muir Goes Into Pleasure
45 Sing a Song of Christmas

1800 World News
09 News about Britain
15 Radio Newsreel
30 Play of the Week: Money

1930 Album Time

2000 World News
09 Commentary
15 Good Books
30 Book, Music and Lyrics

2115 Staying On
30 An Evening with Ian Wallace

2200 World News
09 Christmas at Dingley Dell
40 Reflections
45 The Queen's Christmas Message

2300 World News
09 Commentary
15 Letterbox
30 Meridian

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
1515-1530 Christmas Meeting

BOXING DAY DECEMBER 26TH

0000 World News
09 News about Britain
15 Radio Newsreel
30 Play of the Week: Money

0130 Command Performance

0200 World News
09 Commentary
15 *Makers of Musical Taste
30 Christmas Celebration

0300 World News
09 News about Britain
15 From our own Correspondent
30 *Just A Minute

0400 Newsdesk
30 The Fred Woods Collection
45 New Ideas
55 Reflections

0500 World News
09 *Commentary
15 *Letterbox
30 *Music for the Court of Louis XIV
45 Letter from America

0600 Newsdesk
30 *They Write the Songs

0700 World News
09 News about Britain
15 From our own Correspondent
30 *Sarah and Company

0800 World News
09 Reflections
15 *The Pleasure's Yours

0900 World News
09 Look Ahead
15 Christmas at Dingley Dell
45 Frank Muir Goes Into Pleasure

1015 Classical Record Review
30 Religious Service

1100 World News
09 News about Britain
15 Letter from America
30 Command Performance

1200 Play of the Week: Money

1300 World News
09 Commentary
15 Good Books
30 Short Story
45 The Sandi Jones Request Show

1430 Smash of the Day: The Goon Show

1500 *Radio Newsreel
15 *Concert Hall

1600 World News
09 Commentary
15 An Evening with Ian Wallace
45 Letter from America

1700 World News
09 *Meridian
40 *Reflections
45 Sportscall

1800 World News
09 News about Britain
15 Radio Newsreel
30 The Gift of Song

1900 Jazz Workshop
15 Bleak House

2000 World News
09 Commentary
15 Letterbox
30 Sunday Half-Hour

2100 Makers of Musical Taste
15 *The Pleasure's Yours

2200 World News
09 Frank Muir Goes Into Pleasure
40 Reflections
45 Sportscall

2300 World News
09 Commentary
15 Letter from America
30 Man, Myth and Music

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Postmark Africa
0509-0515 African News
0515-0540 Postmark Africa
0540-0545 Name in the News
0630-0635 African News
0730-0735 African News
0735-0800 Postmark Africa
0815-0830 Blueprint Africa
0830-0900 African Theatre
1500-1530 African Theatre
1709-1715 African News
1715-1745 African Theatre
2115-2140 Postmark Africa
2140-2145 Book of the Day
2145-2200 Arts and Africa

FALKLANDS
2115-2200 Calling the Falklands

CHRISTMAS

As children tell it

Christmas at Dingley Dell

from 'The Pickwick Papers'
by Charles Dickens

'These distinguished members of the (Pickwick) Club had been debating an invitation from a certain Mr. Wardle to spend Christmas at Manor Farm, Dingley Dell. Having decided to accept, they are all later to be found on the morning of the twenty-second of December, in the cold, on the outside of the Muggleton coach, well wrapped up in great-coats, shawls and comforters, waiting for it to start on its journey'.

Starring **Ralph Richardson** as the Storyteller, **George Benson** as Mr Pickwick, **Rolf Lefebvre** as Mr. Winkle and **Frederick Treves** as Mr. Snodgrass. Adapted for radio and directed by Charles Lefeaux.
25th 0330 rep 1430, 2209, 26th 0915

Reflections

At the end of a momentous year in the ecumenical life of Britain, three leaders of different Christian communities lead these Christmas *Reflections*.

The Archbishop of Canterbury, the **Most Rev Dr Robert Runcie,** is the contributor on Christmas Eve, Christmas Day and Boxing Day *24th, 25th, 26th.*

The second speaker is the **Rev. Dr Kenneth Greet,** Moderator of the Free Church Federal Council *27th, 28th, 29th.* Finally, Roman Catholic monk **Dom Edmund Jones** takes listeners through the passing of 1982 – a year which was marked especially in Britain by the visit of His Holiness the Pope. *30th, 31st, 1st Jan*
Daily 0455 rep 0809, 2240 (Suns only 1740)

Christmas Celebration

The children of St James's Primary School in Twickenham, Middlesex, invite listeners to join them in their celebrations at Christmas.

In this rather special nativity play they dress up in the costumes of shepherds, kings, angels and, of course, Mary and Joseph, to re-enact for their parents the story of the birth of Jesus. For listeners they also use their voices and their percussion instruments to evoke the sounds of the city streets, the cries of animals, the songs of angels – even the music of the spheres.

This excursion in sound is composed by the children themselves and directed by their music teacher, Lorna Bellars.
25th 1215 rep 26th 0230

Christmas Me ting

by Rosemary Timperley

Janet's father has recently died. At the age of 46, she has had to leave the old family home and is spending her first Christmas alone, in a small bed-sitting room. Alone, that is, until the arrival of Francis Randall, a young student also spending his first Christmas away from home.

Starring **Flora Robson** as Janet Lindsay and **Barry Justice** as Francis Randall. Directed by Charles Lefeaux.
24th 2100, rep 25th 0215, 0745, 1315 (Africa only: 1515)

Sing a Song of Christmas

To show that Christmas is a truly international festival, singer **Melanie Harrold** presents a programme of music from around the world. Melanie has been involved in folk and jazz for the last 15 years. Her songs have been specially arranged and recorded for the BBC World Service.
25th 0530, 0915, 1745

Watchnight Service

This year's service comes from Notting Hill, an area of London famous for its annual summer Caribbean carnival. Once regarded as a place of racial strife, for many it has now become a real centre of multi-racial community.

People from many different parts of the world take part in the service from Notting Hill Methodist Church which looks back over the momentous events of 1982 and prepares for the new demands of 1983.
31st 2330

Festival of Nine Lessons and Carols

For countless thousands of listeners all over the world, this famous Christmas Eve broadcast from the Chapel of King's College, Cambridge is a magical experience which is not to be missed.

Under Director of Music, Stephen Cleobury, the chapel choir – one of the finest in the world – opens with the well-loved *Once in Royal David's City.* Many of the carols sung by choir and congregation are also old favourites but, as is now customary, there are also one or two new or less familiar carols.

During the simple service, the Bible story is told in a series of short readings from the fall of Adam to the events of that first Christmas Day. The lessons are read by members of the college – beginning with a boy chorister and ending with the Provost – and by representatives of other bodies such as the City of Cambridge, the Cambridge churches and Eton College.
24th 1502 rep 25th 0030, 0935

The Queen's Christmas Broadcast

The Queen's Christmas message to listeners throughout the world takes on a special meaning in 1982 – the year in which a son was born to the Prince and Princess of Wales. Today an integral part of the Christmas celebrations for many people, the broadcast is a tradition which began 50 years ago when the Queen's grandfather, King George V, first spoke to his subjects on the BBC.
25th 0930 rep 1500, 2245

As well as the usual World Service frequencies, the Queen's Christmas broadcast may be heard on a number of additional frequencies in different parts of the world as follows (frequencies in MHz): 0930 GMT – **West and Central Africa:** 11.86 MHz; **Southern Africa,** 15.40 MHz; **Middle East:** 639* and 720*kHz (medium wave); **Australasia:** 15.07, 11.775, 9.64MHz; 1500 GMT – **North and Central America:** 25.65, 21.66, 11.775 and 6.196 MHz; **South America** 21.71, 21.66, 17.87, 15.40 MHz; **2245 GMT – Australaisa:** 11.75, 9.57, 9.41 MHz.
**These frequencies continue at 0935*

Trouble-Shooting the Software Interface

'Perceived risk is conceptualized in terms of expected negative utility associated with automobile brand preferences. Empirical evidence supports the notion that importance of loss is more useful as a segmentation variable than as a component in a multiplicative model. The findings also indicate that probability of loss may operate at the handled risk level and importance of loss at the inherent risk level.

Need an interpreter? **Kenneth Hudson** attempts to translate into plain English this and many other examples of the language of modern business and the social sciences. The readers are George Parsons and John Hartoch. Produced by Brian Miller.
24th 2009 rep 27th 0509, 1309

An Evening with Ian Wallace

The Scottish bass-baritone **Ian Wallace** takes time off from *My Music* to present an entertainment of music and reminiscences, recorded before a studio audience in Glasgow.
25th 2130 rep 26th 1615

Wise Men from the East

In a special programme for Christmas **Pauline Webb** talks with three wise men she met during a recent journey to Tokyo, Hong Kong and Taiwan. They share their thoughts on what the coming of Jesus means from those living in the context of contemporary Asia.
24th 2209 rep 25th 0315, 0715, 1645

Christmas Sports Programmes

SPORT

Sport in 1932

Many of the achievements of the sporting personalities of 1932 are remembered today, and when we consider the improvements in equipment and sporting facilities in the intervening 50 years, their successes are all the more remarkable. In *Sports International,* **Paddy Feeny** turns the sporting clock back 50 years, and talks to some of them.

So what were the talking points of 50 years ago?

In cricket the 1932/33 Test Matches between England and Australia were known as the 'body line' series with one of the greatest batsmen of all times, Don Bradman (now Sir Donald). He faced Harold Larwood who was amongst the fastest bowlers, and perhaps the most accurate.

Newcastle United beat Arsenal 2-1 in the FA Cup Final winning through a controversial goal by John Allen who incidentally scored both goals.

Golfer Henry Cotton, tennis stars Fred Perry and Dorothy Round, champion jockey Gordon Richards (now Sir Gordon) and boxer Jack Kid Berg were at, or approaching the peak of their careers; and John Snagge and Rex Alston were just beginning to bring the highlights of the boat race, racing, rugby and tennis to listeners throughout the world. In 1932 Forbra won the Grand National and April the Fifth the Derby.

These are just some of the events recalled by Paddy Feeny.
20th 2030 rep 21st 0230, 1130

Sports programmes are re-arranged over the Christmas period. There are no *Sports Round-Ups* on *24th* and *25th* and no edition of *Saturday Special* on Christmas Day, but Paddy Feeny presents a sports special on *Monday 27th 1515, 1615, 1709*

Cricket

The destiny of The Ashes may well be decided in Australia this month as the third and fourth test matches between England and Australia are played at Adelaide and Melbourne. The New Zealanders are also in Australia, and Pakistan play a Test Series against India. News and reports in *Sports Round-Up, Saturday Special* and *Sportscall.*

England v Victoria, Melbourne *4th-7th;* **England v Australia,** Adelaide (Third Test) *10th-15th;* **England v Tasmania,** Hobart *18th-20th;* **England v Tasmania,** Launceston *22nd;* **England v Australia,** Melbourne *26th-30th;* **New Zealand v Victoria,** Melbourne *10th-13th;* **New Zealand v New South Wales,** Sydney *16th;* **New Zealand v Queensland,** Brisbane *18th-21st.*

Sporting Highlights of 1982

Recalling some of the outstanding moments of international sport in 1982. Memorable events such as Italy's triumph in the World Cup in Spain, Jimmy Connors' victory over John McEnroe at Wimbledon, the Pakistan cricketers' victory over England at Lords, the European Athletics Championships and the Commonwealth Games. Introduced by **Paddy Feeny.**
Sports Special 27th 1525 rep 2030, 28th 0230, 1130

LIST OF CUBAN AM BROADCASTING STATIONS

"DEADLY ACCURATE" as of November 1982 BY RONALD F. SCHATZ

FREQ kHz	TRANSMITTER LOCATION	MC CALL	ICRT CALL	IDENTIFICATION	POWER kW	ELECT. HEIGHT	NOTE
550	Pinar del Rio	CMAA	CMAN	R. Rebelde	30	80.7	C
550	Guanabacoa	CMBD	CMBG	R. Progreso	0.25	60.4	
550	Manzanillo	CMNA		R. Rebelde	1	60.4	
570	Santa Clara	CMEA	CMHI	R. Rebelde	30	83.4	C
580	Ciego de Avila	CMIA	CMJM	R. Rebelde	0.25	84.9	
580	Baracoa	CMMF	CMKF	R. Rebelde	5	63.6	
590	Arroyo Arenas	CMBQ	CMBL	R. Rebelde	1	53.9	
600	Urbano Noris	CMKA	CMKV	R. Rebelde	150	129.6	U
600	GuantAnamo	CMMA	CMDN	R. Rebelde	1	65.8	
610	BahIa Honda	CMAF		R. Rebelde	1	66.9	
610	Trinidad	CMGA	CMHV	R. Rebelde	1	51.2	
620	Colon	CMDA	CMGN	R. Rebelde	30	90.7	
630	Camaguey	CMHA	CMJN	R. Rebelde	30	92.2	
640	Guanabacoa	CMBB	CMBC	R. Progreso	50	93.6	G
640	Pilon	CMNH		R. Liberacion	10	92.2	
650	Santiago - Cuba	CMJC	CMKU	R. Liberacion	1	61.8	
650	Media Luna	CMNC		R. Liberacion	1	71.3	
660	Santa Clara	CMEB	CMHG	R. Progreso	30	95.0	
670	Arroyo Arenas	CMBC	CMQ	R. Liberacion	50	98.0	C
680	Cienfuegos	CMFB	CMHN	R. Progreso	1	74.6	
680	Ciego de Avila	CMIC	CMJV	R. Liberacion	10	97.9	
680	Santiago - Cuba	CMJB	CMDB	R. Progreso	1	74.6	
690	Santa Clara	CMEC	CMHQ	R. Liberacion	50	75.7	
700	GuantAnamo	CMMC	CMDW	R. Liberacion	1	99.9	
720	Trinidad	CMGC		R. Liberacion	1	79.0	
720	Baracoa	CMMH		R. Liberacion	10	79.0	
730	Cacocum	CMKC	CMKJ	R. Liberacion	10	106.8	
740	Pinar del Rio	CMAC	CMAQ	R. Liberacion	30	108.3	
740	Camaguey	CMHC	CMJL	R. Liberacion	10	108.3	
760	Guanabacoa	CMBD	CMCD	Radio Reloj	5	111.2	
780	Moa	CMKH		R. Liberacion	1	85.6	?
800	Manzanillo	CMNB	CMDT	R. Progreso	1	87.8	
810	Camaguey	CMHB	CMJE	R. Progreso	1	118.5	
820	Ciudad - Habana	CMBU		R. Cd. - Habana	10	90.0	
820	Ciego de Avila	CMIB	CMJT	R. Progreso	5	90.0	
820	Moa	CMKG		R. Progreso	1	90.0	
840	Santa Clara	CMEL	CMHW	"W"	10	92.2	
840	Santiago - Cuba	CMJL	CMKC	C M K C	1	92.2	
840	Las Tunas	CMLB		R. Progreso	10	92.2	
840	La Fe	CMOB		R. Progreso	0.25	92.2	
850	Trinidad	CMGG		R. Progreso	1	93.3	
850	GuantAnamo	CMMB		R. Progreso	10	101.2	
860	Regla	CMBM	CMCA	R. Metropolitana	10	81.8	
860	Ciego de Avila	CMID	CMJS	Radio Reloj	1	94.4	
860	Baracoa	CMMG		R. Progreso	10	94.4	
870	Sancti-SpIritus	CMGB	CMHL	R. Progreso	1	95.5	
880	Pinar del Rio	CMAB	CMAF	R. Progreso	30	128.7	
890	Santa Clara	CMEE	CMHD	C M B F	0.25	65.1	
890	Santiago - Cuba	CMJE	CMDZ	C M B F	1	65.1	
900	Cacocum	CMKB	CMKP	R. Progreso	50	131.7	
910	Camaguey	CMHL	CMFA	R.C. Agramonte	5	99.9	
920	Pinar del Rio	CMAD	CMAL	Radio Reloj	0.25	100.9	

920	CArdenas	CMDJ	CMGB	Radio Reloj	0.25	74.0	
920	Pilon	CMNG		R. Progreso	10	132.5	
930	Matanzas	CMDD	CMGL	Radio Reloj	0.25	74.8	
930	Ciego de Avila	CMIE	CMJD	C M B F	0.25	102.0	
940	Colon	CMDI	CMGU	Radio Reloj	0.25	103.1	
940	HolguIn	CMKD	CMKD	Radio Reloj	10	103.1	
950	Arroyo Arenas	CMBE	CMBF	C M B F	5	139.0	
950	Sancti-SpIritus	CMGD		Radio Reloj	1	104.2	
960	Cienfuegos	CMFD	CMHJ	Radio Reloj	1	105.3	
960	Santiago - Cuba	CMJD	CMKL	Radio Reloj	1	105.3	
960	Las Tunas	CMLD	CMDP	Radio Reloj	1	105.3	
980	Guanabacoa	CMBN	CMCK	C O C O	1	107.5	
980	Moa	CMKO		Voz del NIquel	1	107.5	N
980	Bayamo	CMND	CMDE	Radio Reloj	0.25	107.5	
990	Pinar del Rio	CMAL	CMAS	Radio GuamA	1	108.6	
1000	San CristObal	CMAO	CMAC	Radio GuamA	0.5	109.7	
1000	Camaguey	CMHE	CMJB	C M B F	1	109.7	
1000	GuantAnamo	CMME	CMKB	C M B F	0.25	109.7	
1010	Guane	CMAM	CMAP	Radio GuamA	10	110.8	
1010	Sancti-SpIritus	CMGE		C M B F	0.25	110.8	
1010	HolguIn	CMKE	CMKM	C M B F	1	110.8	
1020	BahIa Honda	CMAP		Radio GuamA	1	111.9	
1030	La Palma	CMAN	CMAX	Radio GuamA	1	82.9	P
1030	Santiago - Cuba	CMJN	CMKW	Radio MambI	1	75.3	
1040	La Julia	CMCX	CMW	Radio Moscow	75	224.6	C
1040	Puerto Padre	CMLQ		R. Victoria	1	114.1	
1050	Las Tunas	CMLL	CMKT	R. Victoria	10	115.2	
1060	Amancio R.	CMLO		R. Victoria	1	116.3	A
1060	Baracoa	CMMQ	CMDX	CMKS y CMDX	5	116.3	
1070	GuantAnamo	CMML	CMKS	CMKS y CMDX	10	115.6	
1080	Guines	CMCU		R.C. Habana	10	118.5	
1090	M. Matahambre	CMAW		Radio GuamA	1	143.9	M
1100	Banes	CMKP		Radio AngUlo	1	120.7	
1110	HolguIn	CMKL	CMDL	Radio AngUlo	10	121.8	
1120	Artemisa	CMCW		R.C. Habana	5	122.9	
1120	MayarI	CMKQ		Radio AngUlo	1	122.9	
1130	Santa Clara	CMEM	CMHA	Onda Musical	0.25	82.7	
1140	Ciudad - Habana	CMBW	CMCH	R.C. Habana	1	125.1	
1140	Media Luna	CMNN		Radio Bayamo	1	125.1	
1143	CArdenas			(60-Hz AC hum)	0.25	92.0	J
1150	Bueycitos	CMNQ	CMKX	Radio Bayamo	10	126.2	
1160	La Julia	CMCV		Voice of Cuba	75	250.6	C
1160	Pilon	CMNW		Radio Bayamo	10	167.0	
1180	Guanabacoa			(60-Hz AC hum)	1	172.6	J
1180	MayarI Arriba	CMJG		R. Progreso	1	129.5	
1180	Nueva Gerona	CMOD	CMBM	Radio Reloj	1	129.5	
1190	Yaguajay	CMGO		R. S-SpIritus	1	130.6	
1200	S Antonio - Bs	CMCO		R. Ariguanabo	0.25	86.4	S
1200	Trinidad	CMGM		R. S-SpIritus	1	100.8	
1200	Palma Soriano	CMJQ		C M K C	10	129.6	
1210	Sancti-SpIritus	CMGL	CMHT	R. S-SpIritus	10	132.8	
1210	Chivirico	CMJX		C M K C	10	132.8	
1210	MayarI Arriba	CMJW		C M K C	1	132.8	
1220	Consolacion - S	CMAI	CMAG	Radio Reloj	1	174.0	
1220	Espana Rep'cana	CMDM	CMGY	Radio 26	10	133.9	
1220	GuantAnamo	CMMD	CMKA	Radio Reloj	0.25	133.9	
1230	Australia	CMDN	CMGM	Radio 26	3	112.5	
1240	Matanzas	CMDL	CMGW	Radio 26	1	99.8	
1250	CaibariEn	CMEN	CMHS	"W"	1	137.2	
1250	ImIas	CMMW		CMKS y CMDX	0.25	135.0	
1260	Torrientes	CMDO		R. Victoria-Giron	0.25	138.3	

1270	Camaguey	CMHD	CMJG	Radio Re...	10	13..4	
1280	Santa Clara	CMED	CMHM	Radio Reloj	1	140.5	
1280	GuAimaro	CMHN		R. RectAngulo	0.25	140.5	
1290	Ciudad - Habana	CMBL	CMBQ	R. Enciclopedia	1	188.7	
1290	Rancho Veloz	CMEO		"W"	1	141.5	
1310	Sagua La Grande	CMEP	CMHR	"W"	1	143.7	
1310	La Fe	CMOL	CMBN	Radio Caribe	10	143.7	
1330	Artemisa	CMCP	CMAD	R. Artemisa	0.5	145.9	
1330	Banes	CMKM	CMDO	Radio Banes	0.25	145.9	
1340	Cienfuegos	CMFL	CMHU	R. Cd. del Mar	10	147.0	
1340	GuantAnamo Bay			Am. Forces Radio	0.25	122.5	F
1350	Aguada de Pas.	CMFM		R. Cd. del Mar	1	148.1	
1350	Puerto Padre	CMLM	CMKY	R. Libertad	0.25	148.1	
1370	Nuevitas	CMHX		R.C. Agramonte	1	150.3	
1370	Santiago - Cuba	CMJM	CMDV	R. Siboney	0.5	150.3	
1380	JaronU	CMHY		R.C. Agramonte	10	151.4	B
1390	Jaruco	CMCM		Radio Jaruco	1	89.0	
1400	Matanzas	CMDE	CMGX	C M B F	0.25	112.7	
1400	GuAimaro	CMHV		R.C. Agramonte	1	153.6	
1410	Pinar del Rio	CMAQ		R. Pinar Musical	1	154.7	
1410	Sta. Cruz - Sur	CMHQ	CMJW	R. Santa Cruz	1	154.7	
1420	Colon	CMDQ		R. Llanuras	0.25	155.8	
1420	Baracoa	CMMQ		R. Baracoa	1	155.8	?
1430	Moron	CMIN	CMJY	Radio Surcos	10	156.9	
1440	Guines	CMCL		Radio Guines	0.25	158.0	
1440	Ciego de Avila	CMIL	CMJP	Radio Surcos	1	158.0	
1450	Amancio R.	CMLN	CMJF	Radio Maboas	1	159.1	A
1460	Nuevitas	CMHO	CMJG	R. Nuevitas	0.25	160.2	
1470	CArdenas	CMDP	CMGE	R. Cd. Bandera	1	118.3	
1480	Florida	CMHR	CMJI	C M J I	0.25	162.4	
1490	S. JosE - Lajas	CMCN		Radio Camoas	0.25	86.2	
1490	MayarI	CMKN	CMDH	Radio MayarI	1	163.5	
1500	HolguIn	CMKR		R HolguIn Musical	1	164.6	
1520	Palma Soriano	CMJU	CMKZ	R. BaraguA	1	166.8	
1530	Moron	CMIM	CMJX	Radio MorOn	1	167.9	
1550	Camaguey	CMHM	CMJK	R. Camaguey	1	170.1	
1560	Sola	CMHZ		R. Cubitas	1	171.2	?
1580	Sta. Cruz - Sur	CMHP		R.C. Agramonte	0.25	173.4	
1590	Manzanillo	CMNM	CMDF	Radio Granma	0.5	174.5	

NOTES:

A - Amancio RodrIguez, new name for Francisco.
B - Listed as Central Brasil in IFRB Basic Inventory.
C - Domestic-service transmitter presently off the air, standing by to carry the Voice of Cuba in retaliation against Radio MartI.
F - American-Forces station serving GuantAnamo Bay Naval Base.
G - Moved to 640 from 790 on 11 September 1982 to block best possible frequency for Radio MartI.
J - Broadcasts 60-Hertz AC hum at 100% modulation for purpose of jamming South Florida station.
M - Minas de Matahambre.
N - Only operating station not registered with IFRB.
P - La Palma, new name for Consolacion del Norte.
S - San Antonio de los Ban(y)os.
U - Urbano Noris, new name for San GermAn.
? - Present operation unconfirmed by monitoring.

- 30 -

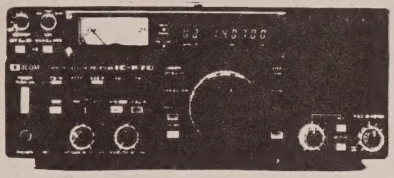
SWL HEADQUARTERS

ELECTRONIC EQUIPMENT BANK THE NAME IN SHORTWAVE LISTENING

ICOM The World System IC-R70

NEW

A WORLD CLASS RECEIVER FOR THE SERIOUS LISTENER



- ☐ Pass Band Tuning
- ☐ Notch Filter
- ☐ CW-RTTY Wide/Narrow
- ☐ Computer Compatible
- ☐ Fully Synthesized
- ☐ Noise Blanker Wide/Narrow

Frequency Coverage	— 100KHz to 30MHz
Receiving Modes	— AM - SSB - CW - RTTY (FM optional)
I.F. Frequency	— 1st 70MHz, 2nd 9MHz, 3rd 455KHz
Dynamic Range	— 100 db at 500Hz B.W.
Audio Output	— 3 watts 8 ohms 10% distortion
Power Supply	— AC 117-220 V 50/60Hz 25 watts DC 13.8V ± 15% 10 watts

Size	— 11.25"w, 4.33"h, 10.86"d, 16.25 lb. wt.	
Sensitivity (1.6-30MHz)	— SSB-CW-RTTY	— .16uV for 10 db S/N
	AM	— .5uV
	Optional FM	— .32uV (12 db sinad)
Selectivity	— SSB-CW-RTTY	— 2.3KHz
	CW-N RTTY N	— 500Hz
	AM	— 6KHz - 3KHz PBT
	FM (optional)	— 15KHz

ICOM, a world leader in amateur radio, now introduces a revolutionary receiver not previously available for under $1500. Priced at only $749.

As Advertised on WRNO Worldwide

Special Introductory SALE $695

YAESU FRG-7700

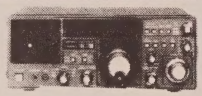
EEB'S BIGGEST SELLER

New Low Price $439.00

Save $110.00

	List	SALE
MU-7700 Memory Unit	149.00	**135.00**
FRV-7700A VHF Converter	149.00	**135.00**
FRV-7700F VHF Converter	149.00	**135.00**
FRT-7700 Antenna Tuner	59.00	
FRA-7700 Active Antenna	59.00	
FF-5 Low Pass Filter	20.00	
DC-7700 DC for FRA-7700	8.00	

10% Off List Prices on Accessories With Radio Purchase



- Coverage of 150 kHz through 29.99 MHz on AM, SSB, CW and FM.
- Digital frequency display using bright yellow LED digits for maximum visibility.
- Built-in quartz digital clock with timer for control of station accessories.
- Three AM bandwidths for changing interference conditions on crowded shortwave broadcast bands.
- Tape recorder output jack on front panel. Record while you're away using the built-in on/off timer.
- Noise blanker, AGC selection, and RF attenuation level controlled from front panel.
- Optional memory unit allows storage and recall of up to twelve frequencies—no more frantic dial twisting at I.D. time! A backup feature holds memory channels while the FRG-7700 is turned off.
- Optional accessories: FRV-7700 VHF Converter, FRT-7700 Antenna Tuner, FRA-7700 Active Antenna, FF-5 500 kHz Low-Pass Filter, DC-7700 DC Kit, YH-77 Headphones.

As Advertised on WRNO Worldwide

KENWOOD R-1000/R-600

COMMUNICATIONS RECEIVERS

Frequency range 200 kH_z-30.0 MH_z AM, SSB, and CW modes. Built-in noise blanker, PLL synthesizer covers 30 bands between 200 kH_z to 40 MH_z. Ideal 3-stage IF filters for receiver mode. Power requirements 100, 120, 220, 240 VAC, 50/60 H_z. 12 VDC option.

R-600 $329.00

The McKay Dymek DA 100D All Wave Receiving Antenna

$139.00

Frequency Coverage: 50 kH_z to 30 MH_z, continuous
Antenna Height: 4'8" (142 cm)
Output Impedance: Switch selectable 50, 100, 500 ohms
Power: 120-220 VAC switchable, 50-60 H_z 4 watts, or 12 VDC 0.4 Amp

FREE CATALOGUE

Foreign 3IRC's Air Mail

- We ship world-wide
- Shipping charges not included
- Prices & specifications subject to change without notice
- SORRY—NO COD's

10-5 TWF
10-9 Th
10-4 Sat
Closed Sunday and Monday

Electronic Equipment Bank
516 Mill Street, N.E.
Vienna, Virginia 22180
Order Toll Free 800-368-3270
Virginia 703-938-3350
10 Miles West of Washington, D.C.

EEB

Review of International Broadcasting
GLENN HAUSER
Box 6287
Knoxville TN 37914

FIRST CLASS
PERMIT NO. 586
U.S. POSTAGE
PAID
KNOXVILLE TN

FIRST CLASS MAIL

SUBSCRIPTION INFORMATION For 12 issues by first class in North America, US$15. Elsewhere US$16. Overseas airmail: Caribbean, Central America, Colombia & Venezuela US$20; rest of Latin America, Europe, North Africa US$22; rest of Africa, USSR, Asia & Oceania US$24. Samples $1.25 in North America (mint stamps accepted for this only); elsewhere, US$2.00 (or 8 IRCs accepted for this only). Remittances must be payable to Glenn Hauser, or R.I.B., and must be in US funds and drawn on a US bank! Fractional or multiple-year subscriptions are not accepted. Please do not request a sample more than once.

WHEN WRITING ABOUT YOUR SUBSCRIPTION, to subscribe, renew, change address, advise of defective or missing copy, PLEASE BE SURE to include the number on your address label. We will NOT be responsible for missing or duplicate issues if you do not give the code number on your mailing label.

PURPOSE OF RIB To provide program information, and an open forum for the discussion of programming on shortwave, and secondarily on other media; and for the discussion of related topics. Please do not ask the editor for personal advice on receivers or other equipment.

DISCLAIMER The opinions expressed in RIB are those of the person to whom attributed. The editor/publisher expressly disclaims any liability. Any material sent to RIB which is not intended for publication should be so specified; otherwise it will be considered open to publication. Unless reprinted or copyrighted elsewhere, all material published in RIB becomes the property of RIB, including subsequent adaptation, reprinting, and/or broadcasting, always with proper attribution, unless otherwise agreed.

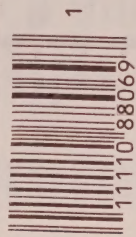
REPRINTING OR BROADCASTING FROM RIB Excerpts may be quoted, provided full credit is given to the original contributor and to RIB. The editor would appreciate a copy of the script or publication quoting from RIB.

RIB ON THE AIR Material from and for RIB may be used on our weekly DX program WORLD OF RADIO, carried on selected domestic stations and on WRNO Worldwide, GMT Sundays 0230-0300 on 6155 and 2330-2400 on 11890 kHz.

RIB CENTER FEATURES Shows We Like, recommended programs by time, four times a year (updates other months); Broadcasts in English, times and frequencies by country, four times a year; News in English, and DX Programs in English, each twice a year.

RIB DEADLINES Friday, normally the first or second in the month; publication within 10 days; subject to change for the editor's convenience.

LISTENERS NOTEBOOK complements RIB; samples $1, only from North American Shortwave Association, Box 13, Liberty IN 47353.



TIME TO RENEW? If there is a 71 on your address label, this is the last issue of RIB on your present subscription. This is the only notice you will receive. Thanks for your cooperation, and I hope you enjoy your next year with RIB! (gh)